

January, 1929

Entrance will be made through an arched bridge, and from this point the roadway over the James River crossing is made, pick up the southern trail at the end of the Norfolk-Portsmouth concrete approach, crossing the bridges and continuing on to the end of Churchland Street.

E. Greiner & Company of
engineers and H. T. Campion,

Philadelphia, consulting engineer. Gen-
awarded to the Turner Construc-
other major contracts han-

Borings—The Gom
Bridge Co.,
Yonkers, N. Y.
Wons-p Company, New
Company, Allentown, Pa.
Wons-p Company, Salisbury, Md.
Waters pliers—The Sanford & Brooks Company,

19. *Leucosia* (Leucosia) *leucostoma* (Fabricius) (Fig. 19)

work—Sam Donelson, Atlanta, Ga.
Culvert—Norfolk Sand and Gravel Company, Norfolk

Paints - The Cuban Corporation

Faint - The Gonneill Corporation,
Pillsbury, The, New York.

Reinforcing steel—Jones & Laughlin Steel Corporation.

Structural bridge work—The Virginia Bridge and Iron Company, Roanoke.

10. *Leucosia* (Leucosia) *leucostoma* (Fabricius) (Fig. 10)

Another Important Bridge Structure *painted with*

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The engineers of the James River Bridge—
The J. E. Greiner Company — were as
solicitous for its protection and preserva-
tion as they were for its proper design and
erection.

This 4½ mile bridge is exposed to the destructive action of the weather, intensified by the fact that it is over salt water, and must withstand the deteriorating influences of ocean fog, salt air dampness and climatic extremes.

When traffic flows across this bridge, it will

see two details: the concrete work and the painted steel structure. This latter is protected with more than 6,000 gallons of Goheen's *Carbonizing Coating*, a paint made especially for iron and steel structures. The engineers responsible for this monument to Southern progress endorsed the judgment of scores of bridge builders and hundreds of men responsible for bridge and iron and steel structural maintenance when they wrote *Carbonizing Coating* in their paint specifications.

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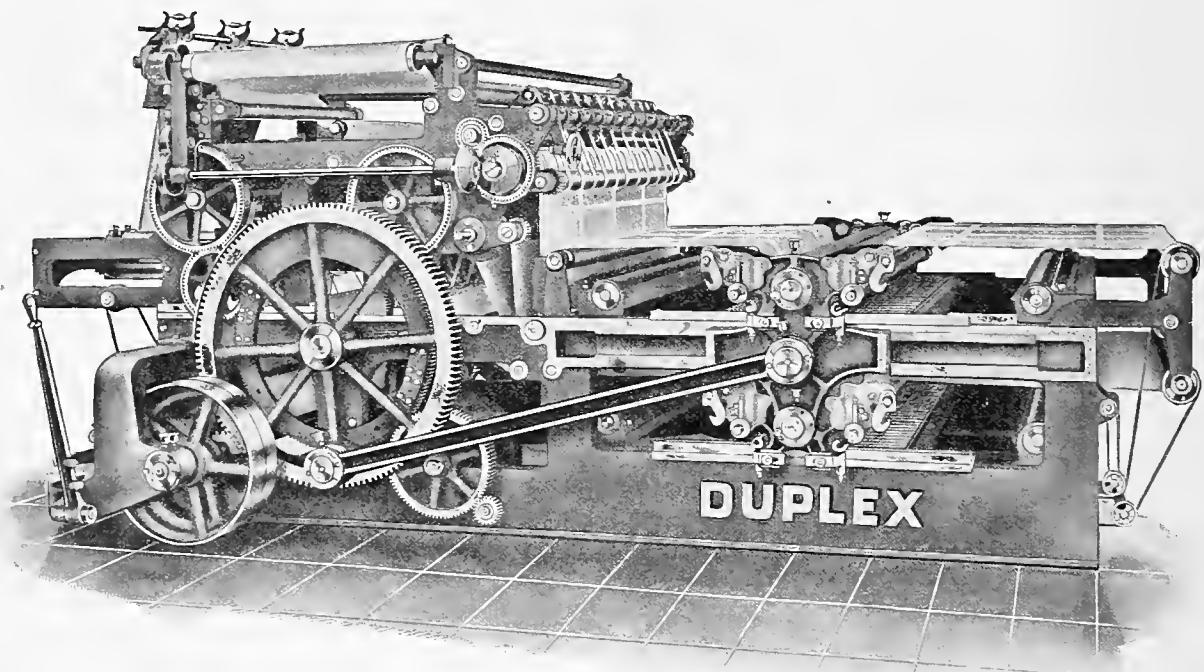


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BETWEEN The LINES

NOW that Lehigh has produced a Rhodes scholar we can devote our attention to the production of two or three intercollegiate wrestling champs.

* * *

Football squad presented coach with silver desk-set this year, breaking the precedent of several years' standing, the customary gift being a spray of raspberries.

* * *

CITY of Bethlehem has torn up the Toonerville Trolley tracks up Brodhead Avenue which formerly projected a couple of feet above the concrete on either side.

* * *

At least, it felt like a couple of feet when you drove over them to get on the campus.

* * *

PLAN to be in Bethlehem on Feb. 22 to help lay the corner-stone of the new Library. If you can't possibly make it, you can still help by sending your "representative" to the Alumni Fund.

* * *

January 18 also looks like a large Lehigh evening in New York. See page 23.

* * *

Speaking of red-letter days, wait 'till you see the little Lehigh present the postman will bring you in a few days. Let's hear how you like it.

* * *

Mer winscha eich oll a happy, prosperous Nei Yohr.

BASKETBALL

Jan. 9	Ursinus
Jan. 12	Swarthmore*
Jan. 16	C. C. N. Y.
Jan. 19	Army*
Feb. 9	Susquehanna
Feb. 12	Rutgers*
Feb. 16	Navy*
Feb. 20	Muhlenberg
Feb. 23	Lafayette*
Mar. 2	Lafayette

* Games away.

WRESTLING

Jan. 12	Syracuse
Jan. 19	Princeton*
Feb. 2	Navy*
Feb. 7	Cornell*
Feb. 16	Yale
Feb. 22	Columbia
Mar. 2	Lafayette*
Mar. 9	Penn
Mar. 15 and 16	12 Intercollegiates

* Games away.

LEHIGH ALUMNI BULLETIN

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To the small town, these humming wires bring a new industrial importance; to the manufacturer, they spell efficiency, as well as relief from high taxes and cramped quarters; to the worker, decentralization means a home of his own and a higher standard of living for his family. And it is the electric generator, the electric transmission line, and the electric motor which have made decentralization possible.



More and more G-E motors are used every year to turn the wheels of our changing and developing industrial system. The same company which makes the huge turbines that generate power, also makes the MAZDA lamps, fans, and household appliances with which you are familiar through daily use. On all these products, the G-E monogram constitutes the same dependable assurance of quality.

GENERAL ELECTRIC

LEHIGH ALUMNI BULLETIN

JANUARY, 1929

Intercollegiate Knowledge Tests

INTERCOLLEGiate competition in the work of the classroom has arrived, as a result of the "achievement tests" given to the seniors of forty-nine Pennsylvania colleges by the Carnegie Foundation for the Advancement of Teaching in co-operation with the Joint Commission of the Association of Pennsylvania College Presidents and the State Department of Public Education. There were no cheering grandstands at this "game," played last spring—only the scratch of pens and the rustle of paper in the classrooms of the participating colleges, but the Faculty coaches sent in their teams with instructions to give every ounce of gray matter until the last question was answered. Now the score is announced, and Lehigh may be justly proud of the showing made by her representatives in this tournament of intellects. Lehigh engineering students easily outdistanced the field; Lehigh business administration men rolled up an even more impressive lead and Lehigh's College of Arts and Science placed third in the large field of entries, being bested only by two smaller institutions which are distinctly arts colleges. In addition, Lehigh produced two candidates for mythical All-American honors, for the highest total score made by a student was registered by R. Max Goepp, Jr., B.S. in Chemistry, '28, and the highest score among the faculty members who volunteered for the test at the various colleges was made by Frank C. Becker, Instructor in Psychology. Among the interesting side-lights disclosed by these tests is evidence that the civil, chemical and industrial engineers at Lehigh were considerably more versatile than the mechanicals and electricals.

It is probably just as foolish to base any championship claims upon the results of this novel competition as it is to attempt to pick the best team in the East or in the West after a football season. On the other hand, the element of chance would appear to be a lesser factor here than in athletics, and comparisons seem less odious because they are anonymous and based on actual figures rather than personal judgment. The class of 1928 and their teachers are entitled to the commendation of all Lehigh men for having given us this tangible evidence of the academic leadership that we who know her are accustomed to associate with Lehigh.

Corner-stones and Mile-stones

MID-WINTER Homecoming, February 22, has been chosen as the occasion for the laying of the corner-stone of the new University Library. Since this handsome structure is being made possible by the gifts of Lehigh men, it is highly appropriate that these exercises should be held in conjunction with an alumni reunion. While the ceremony is only one of the features that have been arranged for the program on Washington's Birthday it is perhaps the most significant, for it represents a material manifestation of the loyalty that draws Lehigh men ever back to Old South Mountain.

The new library is a distinct milestone in Lehigh's progress, completing, as it does, the facilities required for the strictly educational part of our present program. More than that, however, it is significant as the first great gift to the University through the medium of the Alumni Fund.

Of course, it must be several years before the growth of the Alumni Fund makes possible the retirement of all indebtedness on the Library, but with the spread of the principle, "one gift from every Lehigh man each year," the annual total contribution from the alumni will grow steadily larger and it will not be long before the Library will be clear and the Alumni Fund available for new projects. We have gone far enough to realize that the Alumni Fund is destined to be the corner-stone of Lehigh's future.

Among Your Souvenirs A BRIEF breathing spell last summer provided a long anticipated opportunity to classify and display a portion of the many interesting relics of yesteryear which comprise the archives of the Alumni Association, and which were heretofore relegated to boxes in the storeroom. The archive room in the Alumni suite in the Memorial Building begins to appear somewhat in keeping with its designation. Group photographs of every class from '69 to '28 can be accommodated on one wall. There are a great many gaps in the series at present, as well as a dearth of miscellaneous material for the period of 1900 to 1920. Now that adequate facilities for display and preservation are available, Lehigh memorabilia which may now be buried in alumni attics will be welcomed.

Shines—Moon and Monkey PROHIBITION has created some annoying problems for colleges as well as for politicians, and both

have been tempted into the somewhat awkward position generally known as the straddle. There are more appropriate columns than these for an elaboration of the pros and cons of prohibition as a national policy, but several recent incidents have escorted Barleycorn to our own doorstep, where he clamors for attention. At the risk of exposing a bit of soiled collegiate linen to the public gaze, let us confront him and his escort.

NO SUGGESTION of straddling is in the announcement of an alumni homecoming published in a recent issue of the *Purdue Alumnus*, edited by George Ade, Purdue, '87. A prominently displayed notice reads: "No Licker Needed, Thanks. This is to be a home-coming—not a booze party * * * Licker at homecoming isn't considered good form any more. It isn't being done now, except by a few of the younger smart-alees who still think it's good style. Leave your booze alone for these three days, or else stay home and watch it." One can admire the unmistakable diction and still question its effectiveness on the score that such a militant warning is unnecessary for the great majority of substantial alumni who never even contemplate bringing anything "on the hip," and is likely to pass unnoticed by the "few younger smart-alees," whose indiscretions precipitate such precepts. It seems obvious that any conviction that "it isn't being done" must grow from observation and example rather than from pronouncements, however bold.

ENTIRELY facetious, of course, but somewhat significant, perhaps is the second clipping; this from our own *Brown and White*, issued after the Lafayette game. The undergraduate columnist remarks: "Did you notice the actions of that sober alumnus at the game? You didn't see him, you say? Oh, pardon us!"

Only the most naive observer could attribute all the exuberance in evidence at the game solely to the intoxicating effect of the two touchdowns in the last quarter. On the other hand, an honest estimate, based upon a reasonably satisfactory ability to recognize Lehigh alumni and also the state of inebriation, places the percentage of those present who fell in both categories safely below the well-known one-half of one per cent. As is so often the case, the vociferous minority dominated the scene and thus shaped the impression obtained by the spectator. Moreover, it is only fair to recognize the fact that because a male spectator at the game looks too old to be a student, it does not logically follow that he must be an alumnus.

It seems painfully trite to maintain that the pro rata consumption of contraband at various colleges on carnival days is probably nearly a constant. Quantitative data are lacking here, as in most discussions of "prohibition." Yet observation and reason both point to the conclusion that any cross-section of a football

crowd, anywhere, will show about the same proportion of rooters whose breath is stronger than their judgment.

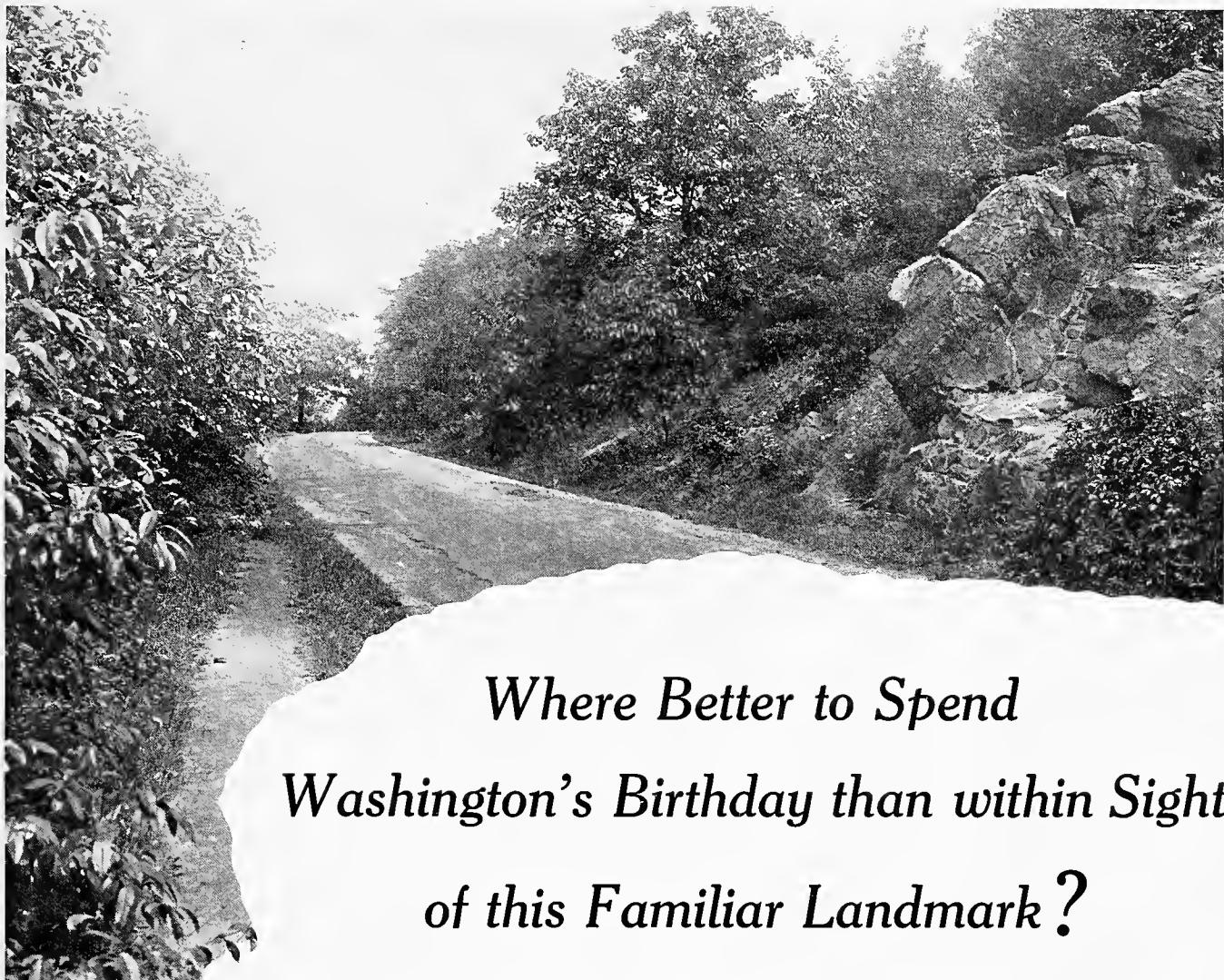
THE THIRD incident which brings this subject to these pages is the receipt of a letter from an alumnus suggesting that certain aspects of the situation should be set before Lehigh men. He is not particularly interested in prohibition, but he is very much interested in Lehigh, and has demonstrated his interest for many years by his persistent and successful personal efforts to induce desirable students to attend Lehigh.

"At first," he writes, "I hardly gave this matter a thought"—(that probably goes for most of us)—"but since three mothers of Lehigh boys have called it to my attention, I feel that it should not be allowed to pass unnoticed. For instance, one mother told me she wouldn't permit another son to go to Lehigh after what she saw at the game. The other parents expressed similar sentiments. They seemed to feel that the student-body behaved rather well, the chief offenders being the alumni. * * * The fellows probably don't realize the harm they are doing, but let them approach some prospective student's parents and see how quickly this subject is brought up."

If some reckless individual should stand up before 10,000 Lehigh rooters and deliberately try to tell them that Lehigh is not a fit place for decent folks to send their sons, there would be only a brief argument as to who should get the first crack at him. Yet, we limit our protest against equivalent actions to a shrug of the shoulders. Whether or not parents are justified in drawing such conclusions does not alter the fact that they do. And parents are not the only representatives of the outside public who form their impressions of a college at football games.

THE PATHETIC thing about the college man who makes a fool of himself before a stadium full of people, is that he thus parades the fact that his education "didn't take." He may have carried away a certain amount of book-knowledge or technical training, but he failed to gain a proper sense of the fitness of things; he flunked his course in good taste and gentility; he did not learn to balance discretion against desire; alas, he even missed the lesson of those convivial groups of the balmy days whose aim was to "carry their liquor like gentlemen."

While the suggestion will contribute nothing of value to Mr. Durant's prize contest, it might prevent people from getting an entirely erroneous impression of the humidity of Lehigh's atmosphere if the preponderant majority of alumni were more articulate in their disapproval of conduct unbecoming to a college man. Any Lehigh man worth the name will find only gratitude in his heart for the fellow alumnus who prevents him from doing an injury to his college, in a misguided moment.



Where Better to Spend Washington's Birthday than within Sight of this Familiar Landmark?

WASHINGTON Rock, in Sayre Park, attracts the curious interest of tourists from near and far. Washington's Birthday this year will attract Lehigh alumni back to the campus for the third annual Mid-Winter Homecoming. Friday, February 22, is the day. There will be "something doing" all day, with several important highlights giving every reason for all Lehigh men to come early and stay late.

Mid-Winter Homecoming was instituted to provide opportunity for alumni to visit the University while the plant is in full operation. By Alumni Day, in June, most of the students have left the campus, and the crowded social program leaves little time for former students to prowl around the old familiar haunts or to observe, first-hand, the less spectacular but significant changes that time has brought to Lehigh.

Those who have attended previous Mid-Winter Homecomings will need no urging to be present this year. There is always a "kick" in getting back to Lehigh, but the educational flavor that characterizes this February function has a stimulation all its own.

AS THIS is being written the scaffolding is being removed from the James Ward Packard Laboratory of Electrical and Mechanical Engineering. For the first time the full magnificence of this beautiful building is revealed. There is a great temptation to use superlatives in every mention of Packard's gift to Lehigh, but

suffice it to say, with full assurance, that no matter how far you come, you'll agree that the new laboratory was worth the trip. Of course, it will not be completed, but it is far enough along so that very little imagination is needed to visualize it as it will be in operation next fall. All the other buildings and class rooms will welcome visits, as well, but it will be strange if most alumni get much further than the laboratory before luncheon.

WE'LL eat in the Drown Hall cafeteria with the regular patrons. Afterward, there will be a chummy little session upstairs where some of the faculty will discuss for us, in an intimate way, some of the specific phases of current activities in college. You'll find yourself very much interested in what these speakers have to say.

Perhaps the most significant event on the day's program is the laying of the cornerstone of the new University Library. It is entirely appropriate that this ceremony be held on an alumni day and it is most fitting that the men whose gifts are making possible this splendid project should be present to participate in the exercises.

Undergraduate activities will provide additional attractions of interest, not the least of which will be the wrestling meet with Columbia.

Make your plans now to be at Lehigh on February 22.

Comprehensive Tests of Carnegie Foundation Rank

Lehigh at Top of Pennsylvania Colleges

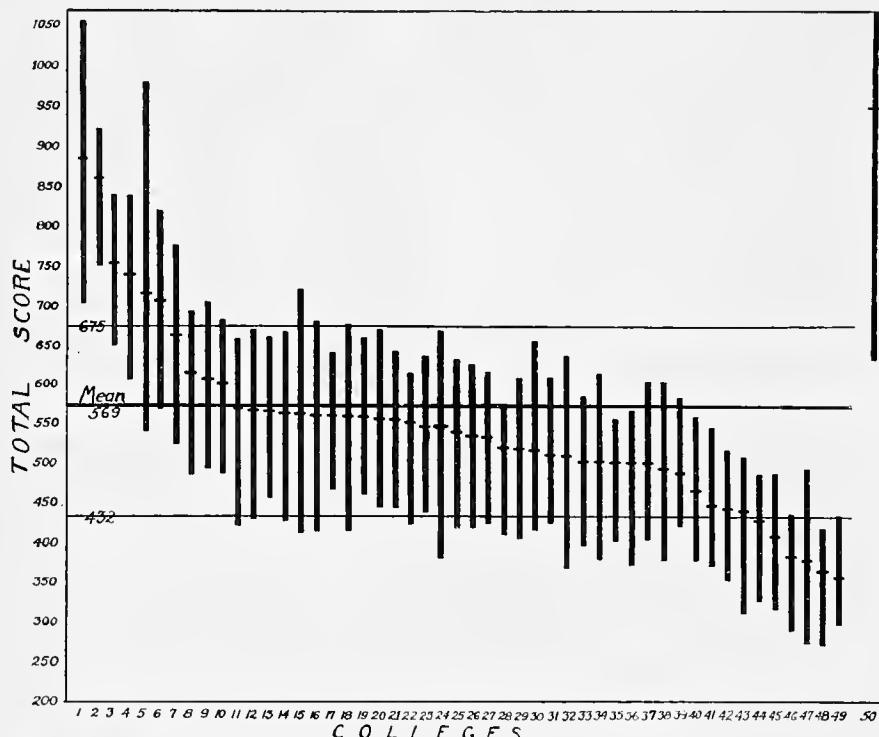


Figure 1.

Comparative scores of 49 Pennsylvania colleges in Carnegie Achievement Tests given to senior students last Spring. Lehigh is Number 4.

RESULTS of comprehensive examinations given last spring to seniors in forty-nine Pennsylvania colleges by the Carnegie Foundation for the Advancement of Teaching, in co-operation with the joint commission of the Pennsylvania Association of College Presidents and the Pennsylvania Department of Public Instruction have been announced. Of the eight colleges having fully organized colleges of engineering, Lehigh rates first with a mean score of 710.6, the average mean for the entire group being 575.9. Eight colleges having fully recognized departments of commerce and finance also competed in the test and again Lehigh placed first with a score of 694, which is to be compared with the average for all commerce and finance scores of 572.8. Senior students in Lehigh's college of arts and science place third in a field of 40 entrants, with a mean score of 848.8; the average for this group being 580.7. In the general summary of total scores, Lehigh is placed fourth in a field of 49 institutions.

Analyses of the results of this interesting innovation were presented at a recent meeting in Atlantic City of the Association of Colleges and Secondary Schools in the Atlantic States and Maryland by Drs. W. S. Learned of the Carnegie Foundation and Benjamin T. Wood of Columbia University. The results were presented in graphical form and several of the more significant charts from this report are reproduced herewith. The results of the test are confidential but the president of each college has been notified of the placing of his own institution. Lehigh can be recognized as number 4 in each of the accompanying charts but the identity of the other competitors is unknown except to each one

individually. The percentile system is used in graphically representing the results. The top of the heavy line representing the score of each competing college is the point below which 75 per cent of the entrants ranged. Twenty-five per cent of the entrants made scores lower than that indicated by the bottom of the black line.

Figure 1 shows the comparative standing in total scores of all the competing colleges. The mean for the whole group was 569. Lehigh's twenty-five percentile line is well above this median indicating that there were very few scores made by our seniors below the mean average of the entire group. The line on the extreme right of Figure 1—number 50—represents the scores of those faculty members at the various institutions who volunteered for the test. The highest score made in this group was 2350, higher by 163 than the next best mark, registered by Frank C. Beeker, Instructor in Psychology at Lehigh. The highest undergraduate score, 1580, was made by R. Max Goepp, Jr., B.S. in Chem., '28.

THE achievement test was given to all seniors, May 7 and 8, 1928. Seniors in the college of arts and science who ranked in the upper three-quarters of the class in these tests were excused from the regular final examinations in June in those subjects in which their term grades were above passing. Seniors in the other curricula who ranked in the highest quarter of their class in the Carnegie tests were excused from final examinations in those subjects in which their term grades were above passing. The examination covered all the general fields of education including arts, philosophy, science, music, mathematics, business and economics. A

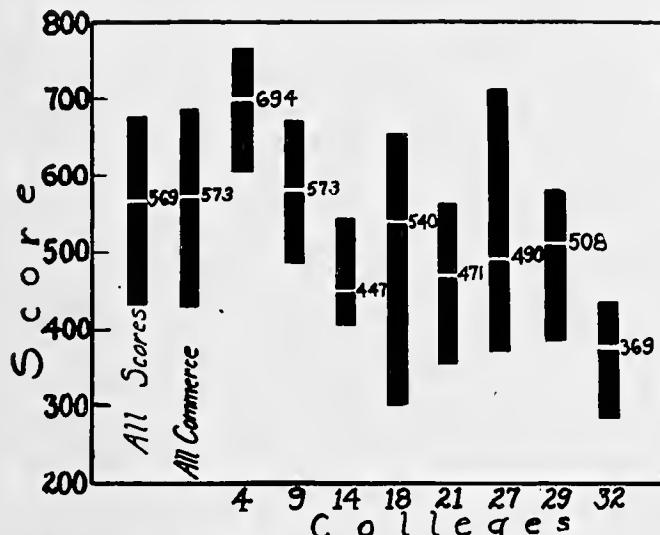


Figure 2.—Comparative scores of students in commerce and finance in the Pennsylvania colleges having fully organized courses. Lehigh is Number 4.

series of questions of the "yes and no" and "comparison" types were given in each group. The first questions were very elementary but increased in difficulty as the test progressed. More than 3,000 questions were asked each student. The whole objective in shaping the examination was "to find out what the college man knows; not what he has learned in courses or in college, but what he actually knows."

The tests favored those students who were pursuing courses in the liberal arts. This is plainly evident in the higher scores registered by students in this curriculum. Because a comparatively small proportion of Lehigh's entrants were arts students, our general average was not weighted as heavily by the higher arts scores as it was in those colleges where the arts enrollment is preponderant. This explains why Lehigh ranks fourth in the total score, although scoring two firsts and one third in the specialized fields in which she participated.

Figure 2 shows Lehigh (again number 4) topping the 8 Pennsylvania institutions with recognized colleges of commerce and finance. In this group, 75 per cent of the Lehigh entrants registered scores between 762.5 and 597.5, the median being 694. This is to be contrasted with the average for the group, ranging between 689.6 and 434.6 with the median at 572.8.

Figure 3 shows Lehigh (number 4) leading the field of Pennsylvania colleges having fully organized courses in engineering. Lehigh's score line extends between the 75 percentile mark of 831.9 and the 25 percentile

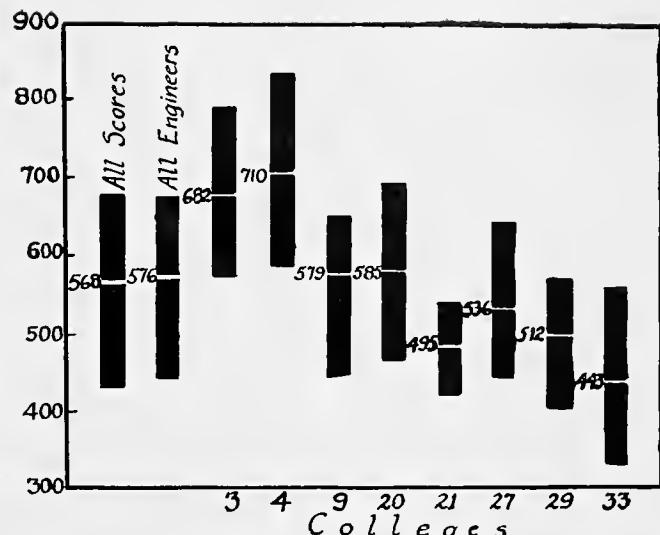


Figure 3.—Comparative scores of engineering students in the Pennsylvania colleges having fully organized courses in Engineering. Lehigh is Number 4.

line of 583.1. The mean for our engineering students was 710.6. These figures make an extremely favorable comparison with the average score of all engineering students who took the tests, the range in this case being between 672.7 and 443.9 with a mean of 575.9.

AMONG the various studies that were made as a result of this test, it is interesting to note that the highest registered total scores were registered by those seniors who were 18 years of age and that the total score decreased with each succeeding year reaching a minimum for those students who were 23 years of age. For those older than 23, the results were slightly and progressively higher but not nearly so high as those attained by the very young seniors. These results, however, must be interpreted with the knowledge that the vast majority of those taking the test were 21 and 22 years old, only 12 men in the entire state being seniors at 18.

The scores attained in the section devoted to fundamental science indicates that the engineers stood highest and the students of business administration lowest. In the social science section students in business administration stood highest with the engineers lowest. In the section devoted to language, literature and fine arts, the arts students led the field and the engineers again brought up the rear. The engineers again shone brightest in the section devoted to mathematics and in this department it is somewhat surprising to find the business men again at the bottom of the list.

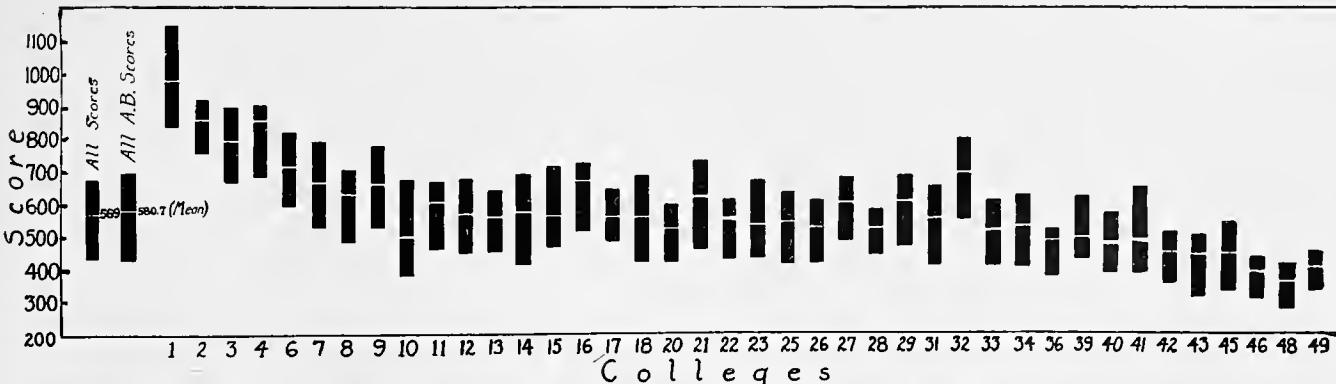


Figure 4.—Comparative scores of students in arts and science in the Pennsylvania colleges having fully organized courses. Lehigh is Number 4.

Reminiscences of a Lehigh Astronomer

By R. H. TUCKER, '79

REQUESTED to give an outline of the activities of Lehigh graduates in the profession of astronomy, the first suggestion is the resemblance between the surveys of an engineer and the work of the old line astronomers. For several generations astronomical observations were mainly devoted to the measurement of the places of the stars, and of the sun, moon and planets. Successive measures gave the resulting motions of these celestial objects. The instruments employed were similar in design to those of the surveyor, but larger and finer.

In our own generation we have seen the development of celestial photography. This not only serves to collect pictures, but also as a basis of measurement of positions, thus replacing in part the more laborious direct results of visual measures. The application of the spectroscope, first used in chemical laboratories, has opened the whole modern field of astrophysics, with the study of the origin and evolution of the stars. Engineers would be more likely to follow the older line of research, for which aptitude and training would appear to have fitted them.

The first class to be graduated furnished an astronomer, Miles Rock, '69, though the technical features of such work could have been but sketchily taught in the first courses at Lehigh. He joined the first group of young men who followed Dr. B. A. Gould to Cordoba in the Argentine Republic to found and establish an astronomical observatory, still one of the most active in the southern hemisphere.

One survivor of that original staff, Dr. W. M. Davis, Harvard, '69, still gives courses of lectures at Stanford in geology which he eventually made his life profession.

Miles Rock later served as astronomer in the commission for the settlement of the boundary between Mexico and Guatemala. He was for many years on the staff of the U. S. Naval Observatory at Washington. During that period he was detached in 1882 to observe the transit of Venus at Santiago, Chile, with Prof. Lewis Boss. But few of the observers of that phenomenon are in active service today, and none of us will witness the next occurrence in A.D. 2004. My own observations were made at the Coast Survey station, on the Helderbergs, near Albany, N. Y.

The next class at Lehigh also furnished Dr. Gould with an able assistant, Dr. John M. Thome, '70. He succeeded Gould as Director in 1885 and remained at the head of the observatory until 1908.

Next in order comes Caspar W. Haines, '74, who went to Cordoba for a temporary engagement while looking over the engineering prospects in that country. The financial crisis and collapse of all business follow-

ing the expansion and the fictitious development of the eighties, made an unpromising outlook, and Haines abandoned the country and the profession of astronomy after one year.

My own services come next in line. Joining the staff of the Dudley Observatory at Albany shortly after graduation in 1879, I remained four years until the finish of the observations of the international A. G. zone. The special funds raised for that purpose having also been finished, I went to Lehigh as instructor in mathematics and astronomy under Prof. C. L. Doolittle, having been the first instructor to take the observatory practice work for civil engineers off his hands. In May, 1884, I received the offer to join the Cordoba Observatory under Dr. Gould, and after his departure, remained as first assistant under Dr. Thome.

In 1893 I was offered the position of astronomer at the Liek Observatory which I held until retirement in 1926.

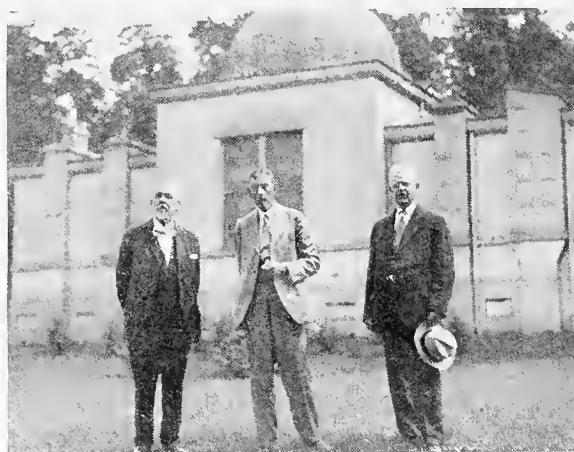
One of the seniors who took observatory work with me, R. W. Walker, '84, was for some years astronomer on the same boundary between Mexico and Guatemala, where Rock had earlier served.

In 1889 while on a visit to Lehigh I engaged Lester C. Taylor, '89, for the observatory at Cordoba. After a few years he went into the offices of the Central Argentine Railroad, and I saw him several times in the period 1908 to 1911. In 1908 I took leave of absence from Liek, and went again to Argentina, to build

and organize a temporary observatory at San Luis, in the province of the same name. This was financed by the Carnegie Institution of Washington, and after the work was completed I dismantled the observatory in 1911 and returned the equipment to Albany. There were ten men on the staff at San Luis, one of them having been James M. Fair, '08. His classmate, Gibble, had also accepted an appointment, but after some preliminary training at Albany he decided to give it up.

Two professional astronomers remain to be mentioned, sons of a well loved professor at Lehigh. Alfred Doolittle, '87, was in the class I taught, and devoted himself to the mathematical line in astronomy, serving in the U. S. Nautical Almanac Office. Erie Doolittle, '91, was an able observer and succeeded his father as head of the Flower Observatory of the University of Pennsylvania.

There have been listed here in astronomy ten Lehigh graduates and it seems worthy of note that six of them lived for varying periods in the Argentine, five of them at Cordoba. And, to connect up the terminals of this time interval of two generations, one of the grandsons of Dr. Gould is taking graduate work in astronomy at the University of California in which I hold Emeritus rank.



The author, R. H. Tucker, '79, (Sc.D., '22) with C. W. Haines, '74, (left) and F. W. Sargent, '79, (right) holds a little reunion in front of Sayre Observatory

Lehigh-Lafayette

GIRARD'S Talk of the Day, a daily feature of the *Philadelphia Inquirer*, presented the following interesting anecdote, attributed to Judge E. J. Fox, of Easton, on November 20, 1928:

IN THE days when grandma knit samplers with bright-colored yarns a favorite motto was: "Kind words can never die."

And this is the story of how a few cold words in one church, followed by a few kind words in another church, cost one college several million dollars and created a great university at another place.

I have the tale from Judge E. J. Fox, of Easton, one of the foremost lawyers in Pennsylvania.

In the sixties President "Billy" Cattell, of Lafayette College, persuaded Ario Pardee, of Hazleton, to donate a fine building now known as Pardee Hall.

It was one of the three or four largest individual gifts ever made to any American college up to that time.

Pardee was an anthracite king and he wished to promote education of engineers.

* * * *

AT MAUCH CHUNK dwelt another man of great wealth, Asa Packer.

Starting as a canal boat builder, Packer promoted the Lehigh Valley Railroad. Pardee and Packer were good friends, and Pardee told Packer what he had done for Lafayette.

The college would, said the quiet Ario, be a vast aid to the upbuilding of the Lehigh Valley region. And Pardee had virtually talked Packer into adding his millions to the cash given by Pardee to create a greater Lafayette College.

Then the cat jumped out of the bag. Pardee said the Presbyterian Church had donated \$100,000 to keep Lafayette going during the Civil War.

"Presbyterians?" exclaimed Packer. "No, sir; none of my money."

Then he told Pardee how years before, at Mauch Chunk, he, an unknown youth, had been very coldly received at the Presbyterian church there.

That cool reception drove the enterprising Packer to the little Episcopalian church, where his welcome had been most friendly.

* * * *

UPPON such small rocks are sometimes reared important institutions. Packer then bluntly refused to join Pardee in endowing Lafayette College simply because Presbyterians had also helped.

Nor did the former boat builder and then master of Lehigh Valley Railroad stop with a refusal to march with his friend Pardee.

"I'll build another college, and it won't be Presbyterian," was the meat of Packer's declaration. So he built and endowed Lehigh University at Bethlehem.

That's why in that ever-bustling Lehigh Valley they now have only twelve miles apart those two noble seats of learning.

But, as Judge Fox said, had the Mauch Chunk Presbyterians before the Civil War been a little more civil to Asa Packer Lafayette would in the sixties have been the most richly endowed college in the land.

Then his eyes twinkled as he added: "Still it was not all loss. Had there been but one college we wouldn't today enjoy these great football games between Lafayette and Lehigh."

"Love Thy Neighbor"

The following expression of the Lehigh-Lafayette relationship gives a most refreshing slant in a delightful style. It is taken from an unpublished letter to a classmate, written by a '94 man who modestly remains anonymous:

THE ancient rivalry has produced many a good yarn and stirring anecdote. Out of it have come battles royal and lifelong friendships. From entirely different sources come two different angles on this unique relationship; one a bit of "history" which may be the first intimation that many alumni have had that Lehigh came nearly being an addition to Lafayette; the other some reflections of a Lehigh man who fought it out in the early '90's.

I AM a consistent reader of the BULLETIN. Without leaning on the usual survey or statistics to prove or disprove, I would say that every copy, somewhere between the covers, has the appeal, "BEAT LAFAYETTE." That refers to football, of course. If I knew my history or your (not my) classics, I might quote one of those hard-boiled, uncompromising, unforgiving Roman senators who concluded every speech and every motion (if they had motions in those days) with a similar remark.

No matter what the subject of his oration, or speech or motion, the last sentence was: BEAT CARTHAGE!, or words to that effect. I repeat, I do not recall his name but whenever I try to do so it is always eclipsed by the name Okeson. You might look up Okey's "tree." However, the cases are similar—proof that history repeats itself, which we all know it should not. But it does. I suppose the similarity in the cases is that (again from hazy recollection) Hannibal came over to Italy (or Bethlehem) via the Alps (or South Mountain) and with a (here in decency and justice the comparison must be interrupted) heterogeneous band of mercenaries, wiped up the Romans and stuck around for about a decade, tramped all over the place, pulled down cities or goal posts, and when he did vacate "thumbed his nose" I assume. He thus incurred at least the political dislike of Senator—Okeson was it?

ANYHOW, you don't need me to tell you what they finally did to Carthage. Oh Boy! Oh Ohkee! Of course that took time—some years as I recall. Doubtless many of the brother alumni of the Roman Senate, and perhaps even "Okey" himself had passed away before the work was accomplished, but the point is that it finally came to pass. Dear reader, is this too much to hope or to hold before the eyes of your children and your children's children, "not for just an hour, not for just a day, not for just a year, but always"? Now let

us look at another side of this ancient LEHIGH-LAFAYETTE relationship. Who of our alumni, Lehigh or Lafayette, is not better off today and forever because of those struggles,—call them fights or games or defeats as you wish. Where will you find a better, a more understanding, a more generous and sympathetic friend and companion than you find in a Lafayette alumnus? Whether in those days,—those four years,—we licked them or they licked us, the result is the same. No one understands and appreciates a Lehigh man as does a Lafayette man,—after those four years,—and vice versa.

I was shown an article in a Lafayette publication of recent date to the effect that "it ain't agoin' to rain no mo'"; that is, our fightin' days are over. "Zasso?" It appears to be a movement to induce Johnny and Willie to kiss and make up. I wonder. Would the alumni, licked or unlicked, prefer the ways of peace, the League of Nations and the World Court of Lehigh-Lafayette? I wonder.

There are at least two viewpoints,—that of the undergraduate and that of the alumnus. To illustrate: A few years ago I was among those present when Lafayette was playing an important game of football. Incidentally I rooted for Lafayette; and Lafayette won because or in spite of the noise I made, really because of their strong team and especially because of the excellent work of their fullback. Later I saw this young man in the lobby of the hotel, in fact I happened to be seated near him. I waited for a favorable opportunity then said to him: "_____, please accept the congratulations of a Lehigh man." He looked at me in true astonishment, saying: "Lehigh?" as if it could hardly be possible. I think I understood his astonishment. He thought: "Can any good thing come out of Nazareth?" (or Bethlehem). I can well believe he had received few congratulations from up



Laying the last stone atop the James Ward Packard Laboratory

the river and he could hardly believe that it would ever be otherwise.

Now look on the other side of the picture. When Lehigh was scheduled to play _____ this fall, it was a Lafayette man who came to me and said: "Will you get me two tickets for the Lehigh _____ game? I want them in the Lehigh section, as I am going to root for Lehigh."

When, years ago, I selected a physician, who do you suppose it was, to whom I was pleased to entrust my life?—a Lafayette man. And after these twenty-odd years he is still my physician and my choice.

Who is my boss? A Lafayette man, God bless him! And who is his boss? A Lehigh man! "Don't it beat hell?"

Fight it out now, me lads, in Beslem or Sous Beslem or Easton and you will never have to fight it again.



The monumental proportions of the Packard Laboratory are indicated in this recent photo but its full beauty is still hidden by the scaffolding

Basketball Team Breaks Even; Loses Twice by a Point

Taking its first extensive pre-holiday trip in several seasons, the Lehigh basketball team was unfortunate enough to lose both games on this trip by the margin of a single point.

The team left on its trip through New York State the day the University closed for the Christmas holidays. The opponents were the University of Buffalo and the University of Rochester. A game had also been scheduled with Syracuse, but this was cancelled because the latter institution was closed early on account of an impending "flu" epidemic. The game with Buffalo was lost, 24-25, and the game on the following night was also lost, to Rochester, 26-27.

The team has shown flashes of exceptional form and appears to have possibilities of making a name for itself. There are five veterans in the squad and three or four other men, principally from last year's freshman team, who form a well-rounded squad. Foremost among the players are Captain Harry Hesse, a center, and Bob Many, star forward. The latter was one of the leading scorers in eastern collegiate basketball circles last year and stands well up in the list this year, both in total number of points and average points per game.

The schedule:

	Opp. L.U.
Dec. 12—State Teachers	28 38
Dec. 15—Hahnemann	12 60
Dec. 20—Univ. of Buffalo.....	25 24
Dec. 21—Rochester	27 26
Dec. 22—Syracuse	Cancelled
Jan. 9—Ursinus	Home
Jan. 12—Swarthmore	Away
Jan. 16—C. C. N. Y.....	Home
Jan. 19—Army	Away
Feb. 9—Susquehanna	Home
Feb. 12—Rutgers	Away
Feb. 16—Navy	Away
Feb. 20—Muhlenberg	Home
Feb. 23—Lafayette	Away
Mar. 2—Lafayette	Home



Library will be ready for corner-stone laying on Feb. 22, Mid-Winter Home-coming

Another Championship Team in Wrestling in the Making

The stage appeared to be completely set for the championship Brown and White wrestling team to repeat its achievement of last year and again romp away with the Eastern Intercollegiate Title, but there have been two occurrences which have dimmed the justifiable optimism prevalent at the outset of the season. When wrestling for 1929 first began to be thought of in the Fall, as the gridiron season was on the wane, there appeared to be four seasoned veterans in the heavier weights.

Now, as the date of the opening meet approaches, it is a certainty that a new man will appear in the heavyweight class in place of football captain-elect "Tubby" Miller and it is doubtful whether captain Andy Lehr, 175 pounder, will lead his teammates in the opening dual competition. "Tubby" Miller, who was runner-up last year at Princeton for the heavyweight title, has definitely decided not to compete on the mat until February and perhaps not at all this season. Naturally, his prime interest is in football and he was not overlooked when the "valentines" were distributed in November, so he is concentrating all his effort just now on "staying in college." Also, this would have been his third season in Varsity wrestling, thereby making him ineligible for further competition on the mat if he wrestles this year. Captain Lehr appeared to be in fine fettle until a rib injury which he sustained last year in the Intercollegi-

ates recurred in the inter-class meet just before the Christmas holidays. Just how serious the injury is cannot be definitely ascertained until the resumption of practice.

Two veterans who appear better than ever are "Al" Lewis, 125 pounder, and "Art" Landis, 158 pounds. Lewis is a brother of "Dick" Lewis, 135 pound champion last year, and shows promise of equaling his brother's record. In a recent indoor meet in New York City he captured first place in his division against a field of experienced men. Neither he nor Landis have their places cinched, which is a good indication of the calibre of candidates out for this sport.

The 135 pound class is not in need of a first class man, in spite of the graduation of "Dick" Lewis. Letowt, a junior, showed plenty of promise last year and looks better than ever this season.

In the absence of Miller and Lehr in the heaviest classes, other football men are battling it out for the posts. Brennan was first in the heavyweight class in the interclass meet, defeating Haas and "Percy" Lehr, all of whom spent the autumn afternoons in Taylor Stadium. Hutchins, a member of the scrubs, won in the 175 pound class when Captain Lehr defaulted.

There are plenty of good men in the 115 and 145 pound classes, although they lack experience under fire, but with Billy Sheridan as a guide this is a negligible factor.

The fact that he is likely to lose two of his mainstays is no deterrent to Billy's customary optimistic mood. The more men he has to develop, the happier he seems to be. In fact a five minutes' talk with the genial Scotchman will assure anybody that Lehigh can't help but have another championship team.

LEHIGH MEN PLAY PROMINENT PARTS IN ERECTION OF NEW HUDSON RIVER BRIDGE

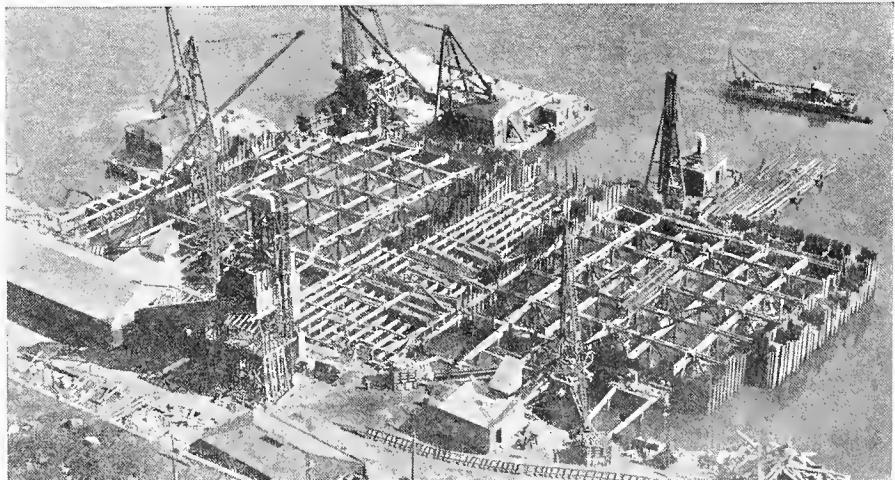
COFFERDAMS in 79 feet of water requiring steel sheet piles 85 feet long were successfully braced and kept tight on a steep slope of jagged rock in building the masonry twin piers for the New Jersey tower of the Hudson River Bridge in New York.

Engineering News-Record comments in a recent issue on this project engineered by Silas B. Mason and Francis Donaldson, '01, as follows: This bold resort to open coffer operations for so deep a foundation called for care and skill, but at no time were there experienced the hazards which it had been freely predicted would bring disaster. Well-conceived advance plans and construction skill in their execution made the work so rapid that it bore the appearance of being almost commonplace. In fact, it ranks as one of the deepest cofferdam operations ever undertaken for subaqueous foundations and stands as an advanced development in this class of construction.

The photograph reproduced below shows the completed cofferdams with

the dredging of pockets in progress.

This bridge will be by far the largest suspension bridge in the world. The entire structure of Brooklyn Bridge could be placed under it. Lehigh's contribution to this engineering monument includes not only the services of Francis Donaldson, '01, who is chief engineer for the contractors and who designed the cofferdams, but is to be traced in the structural steel which is being erected by the McClinic-Marshall Company and in the steel cables which are being manufactured by John A. Roebling's Sons Company, of Trenton, of which F. W. Roebling, Jr., '01, is president, and William Gummere, '99, superintendent of the open hearth department. Fifty-five million pounds of Roebling wire will be strung across the Hudson River in the finished structure. At the present time the Roebling Company has ready for use about a third of this amount which is stored at their plant and is probably the biggest single supply of galvanized wire in the world.



Lehigh Man Awarded Rhodes Scholarship

Lehigh will be represented at Oxford University next Fall by a Rhodes scholar for the first time in its history. R. Max Goepp, Jr., a member of the Class of 1928, who was graduated with the degree of Bachelor of Science in Chemistry was selected as the Rhodes scholar from Pennsylvania in 1929 on December 8 by the committee which met at Swarthmore College.



R. Max Goepp, Jr.
Lehigh's First Rhodes Scholar

Goepp made an excellent record at Lehigh having been graduated "magna cum laude" and with special honors in chemistry as well as winning the Chandler senior prize in chemistry. He is a member of Phi Beta Kappa, Tau Beta Pi, Pi Delta Epsilon and an associate member of the Society of Sigma Xi. As a freshman he shared the Chandler chemistry prize awarded to the highest first-year student in this subject.

Goepp's outstanding achievement, and what probably served as an important factor in giving him the scholarship was his high score in the State-wide tests for seniors conducted by the Carnegie Foundation in all but two of the universities and colleges in Pennsylvania last Spring. He made the highest score of any college senior in the State.

As an undergraduate he was particularly active in journalistic activities and musical organizations. He was editor-in-chief of the "Lehigh Review," a recently organized literary publication; an associate editor of the "Brown and White" and "Epitome." He was also active in the band and musical clubs.



Southern California Club Enjoys Joint Session

The third annual joint dinner of the Lehigh and Lafayette men in Southern California, held at the University Club, Los Angeles, on Nov. 23, resulted in the official establishment of a Lehigh Club of Southern California. The following officers were elected: President, S. E. Lambert, '89; Vice-President, A. W. Lewis, '18; Secretary and Treasurer, R. M. Eckert, '08.

Burr McIntosh, Lafayette, '84, and Lambert, '89, were joint toastmasters, which combination is sufficient to insure a thoroughly enjoyable evening anywhere, anytime. Although no set program was arranged, there was not a dull moment in the proceedings. Whitey Lewis, '18, supplied some clever blue-print souvenirs (or rather, Mrs. Lewis supplied the talent and Whitey the paper), which depicted many familiar Lehigh associations, from Clarence to Mealy's and the old covered bridge. The Club is looking forward to some good dinners during the coming year.

The Lehigh men present at the dinner were: C. C. Jones, '87; S. E. Lambert, '89; Lt. Col. James Stewart, '89; J. S. Carman, '93; David Hale, '96; F. D. Ammen, '97; W. H. Shonk, '05; E. E. Valk, '06; F. G. Fear, '07; Ed. Gohl, '07; R. M. Eckert, '08; Alex. Small, '09; A. B. Leonard, '14; Robert Twombly, '17; A. W. Lewis, '18; W. E. Tizard, '18; R. D. Warner, '18; M. P. Paret, Jr., '20; J. D. McPherson, '23; C. A. Heimbrook, '24; W. S. Tyler, Jr., '25, and A. D. Shonk, '27.

Joint Lehigh-Lafayette Dinner Held in Frisco

FOR the fifth successive year, the Lehigh men in Northern California joined with the Lafayette representatives in a banquet prior to the big game—Nov. 21, to be exact. W. A. Barnes, Lafayette, '12, was host, at the Family Farm Club in San Francisco. Seventeen Lehighs and eight Lafayettes, the largest attendance to date, enjoyed the munificent hospitality of Mr. Barnes and the entertainment and movies furnished by O. L. May, Lafayette, '15.

The evening was given to sociability and merriment and was unanimously voted a grand success, from beginning to end. R. H. Tucker, '79, gave a fine talk on Lehigh's progress and activities as viewed by him personally on his visit to Bethlehem last summer. There was more pep and enthusiasm evident than ever before, which is going some when we recall the previous

banquet, held May 16 at the Pacific Union Club with W. C. Duncan, '08, as host.

So far in its history, the meetings of the Northern California Club have been real get-together parties but now that everyone knows what a good bunch it is, more frequent meetings are likely and a definite future program will be projected in the belief that the Club can develop into an organization of real and tangible value to Lehigh. The Lafayette members will continue to be guests as long as they are willing. They are a fine bunch and at present an indispensable asset.

Philadelphia Club to Hold Anniversary on Jan. 25

Preliminary announcements of the thirty-sixth anniversary dinner of the Lehigh University Club of Philadelphia have been distributed by the secretary, Moriz Bernstein, '96. The gala event will be held on Friday, January 25, at 7 P. M., in the North Garden of the Bellevue Stratford. "Bernie" promises an elaborate programme.

New York Club Plans Formal Dinner and Reception

One of the outstanding Lehigh events of the year will be held by the Lehigh Club of New York on January 18th when a formal reception and dinner will be tendered President and Mrs. Charles Russ Richards in recognition of the remarkable progress made at our University since Dr. Richards assumed the presidency in 1922. The presidents of the universities and colleges of greater New York will also be guests of honor at this affair. It will be held at the Hotel Astor, Broadway at 44th Street at 6:30 P.M.

The New York Club has extended a cordial invitation to all Lehigh men and their families to attend this event, whether they reside in the vicinity of New York or not.

The date was selected to coincide with the annual meeting of the American Society of Civil Engineers which will be held in New York at that time. There are usually a large number of Lehigh men who attend these meetings so that the reception and dinner will be at an appropriate time for them.

A splendid program has been arranged and a large and representative attendance is expected. It is an unusual event in that it is one of the rare occasions when ladies are invited to attend a Lehigh Club affair.

Swimmers Hope to Submerge Rivals This Season

The fact that there are several veterans on the swimming squad from last year is not of so much significance when it is taken into consideration that in the recent inter-class meet two pool records were broken by underclassmen and the majority of first places were won by freshmen and sophomores. The freshmen won't do this year's Varsity team any good, but they are an important factor for coming years. Last year this team had a disastrous season, but with several good sophomores to augment the squad, the season should be more successful this year.

The two unofficial (because they were not made in a dual meet) records made were in the 100 yard dash by Whitesell, a freshman from Blair Academy, and by Cushman, a sophomore in the 150 yard backstroke. These performances are particularly impressive since they were made so early in the season. Another outstanding frosh is Brennesholtz, of Buffalo High School, who won the furlong and quarter mile swims.

Coach "Pete" Morrissey has one of the largest squads in the history of the sport. In the preliminaries of the inter-class meet there were eighty-four entrants. In order to bring out any latent ability in the respective events, the Department of Physical Education conducts a contest in one event each month in which practically all of the swimmers enter. Considerable new material has been uncovered in these contests.

The dual meet season opens on January 5, against the University of Delaware, and includes some very difficult meets, in particular those with Army, Cornell, Lafayette, and the championship Rutgers team, in addition to the Intercollegiates.

"Bosey" Reiter Spending Winter in South

Professor H. R. (Bosey) Reiter, Head of the Department of Physical Education left for Miami, Florida, a few days before Christmas, where he expects to remain until the warmer Spring weather arrives. He will be the guest of J. R. Brooks, '27, whose home is in Miami.

Bosey suffered a severe heart attack in December, 1927, and after being confined to his home on the campus for several weeks, spent several months in the South. He spent practically the entire summer in Maine and returned to the University in the Fall very much improved, but was still obliged to take things easy. He was permitted to do only light work for short periods at a time under doctor's orders. It is hoped that he will recover completely on this vacation and be able to take an active part in the work of his department and the affairs of the college later in the year. He was given an indefinite leave of absence by the Trustees this Fall.

Professor Wright, Head of Latin Department, Describes Italian Tour

BEFORE leaving Bethlehem I found no opportunity to send you the little memorandum for the BULLETIN regarding my European plans, but, if this is not too late and, if it be worth using, here is a sketch of my past, present, and future until February brings my return to the U.S.A. and dear old Lehigh.

I spent July and August in general sight-seeing and rather careful study of the museums in London, Oxford, Paris, Switzerland (which was mostly resting), and Munich, entering Italy at Verona the first of September. Verona, in addition to its famous and splendidly preserved Roman amphitheatre, has very fine remains of two Roman gateways, extensive ruins of a Roman theatre, a good little museum of Roman and prehistoric Italian archaeology, and part of a Roman bridge incorporated in one dating from the middle ages. While there we went out to Lake Garda, the ancient Lake Benacus, and took a motor-launch out from Deganzano to Sirmio, where Catullus had his villa and which Tennyson calls "Sweet Catullus" all but island." Sirmio looks exactly as the two poets describe it. Verona is largely a mediæval city.

From Verona we went to Venice and Padua, and then spent some days in Bologna, where I didn't see a sausage, although the macaroni was exceptionally good. The museum in Bologna is one of the finest prehistoric museums in Italy, containing as it does most extensive remains of the Villanovan civilization (named from a suburb of Bologna where the first tombs were discovered), an early Iron Age civilization, dating from about 1050 to 550 B.C., native Italian and utterly distinct from the Etruscan. Toward 500 B.C. Bologna was conquered by the Etruscans, of whom many valuable remains were discovered in Bologna, and are now in the museum.

Before leaving, I drove out into the foothills of the Appennines on the road to Florence, to Marzobotto, and there, on the estate of Count Aria, are the marvellously preserved foundations of several small Etruscan temples on the site of the ancient acropolis. The ground plan of the temples is quite perfect. Marzobotto was a fortress town which the Etruscans founded in this mountain pass, to control the line of communication between Bologna and their home cities.

We also visited the public library, which, if my memory is good, was founded in 1838, but is in the building formerly part of the University of Bologna, the oldest university in Europe. The ceiling of the court is decorated with the coats of arms of five thousand professors and alumni. I thought of my many medical friends in Bethlehem and elsewhere, for the custodian took us into the first anatomical lecture hall of modern Europe, where the first dissection was made, in the presence of the students and many distinguished visitors in the sixteenth or seventeenth century. The hall is very



Horace W. Wright

beautiful and adorned with the finest wood-carving: allegorical figures pertaining to medicine, and busts of distinguished physicians from Hippocrates and Galen down. From being the leading university of Europe and numbering something like 10,000 students on its yearly rolls, Bologna ran down in modern times, and for a while had only a couple of hundred students. It now has two or three thousand, and is, doubtless, growing and improving under a wise and able president. For the past two weeks I have been in the hill towns of Tuscany and Umbria: Siena, Chiusi (the ancient Clusium; see the opening stanza of Macaulay's Horatius at the Bridge), Perugia, and Assisi.

Yesterday morning we took an auto, and drove through a number of hill-towns to Spoleto, stopping at the source of the little river Clitumnus, of which Vergil, Macaulay, and Carducci have sung, one of the most charming spots I have seen in Europe, and little visited by tourists. On arriving here we took a carriage and drove about the town, seeing the remains of the ancient walls that repulsed Hannibal, a well-preserved Roman bridge, the house of the Emperor Vespasian's mother (rather well preserved, with a number of rooms), a Roman arch and the foundations of a temple, and two fine churches.

After all, what pleases me most in all this hill country is the scenery: wide plain, dotted with town-topped hills and surrounded as far as the eye can reach by wall after wall of mountains; everywhere on the slopes and in the plain the silvery-leaved olive trees. Tomorrow we return to Florence, where I must give about a week to the Archaeological Museum, and then I go to Rome until about the middle of December.

Cordially yours,
HORACE W. WRIGHT.

“Dear Dad”

*Letters of a Lehigh Junior
and His Lehigh Father*



Dear Dad:

Well, its a good thing I did sleep like I did while I was home. Certainly haven't had much since. It's a darn funny thing how you crave to get home when you're here and then when you get back you wonder why you were dumb enough to stay away so long. (Don't read that to Mother—she wouldn't get the right idea.)

Well, some of the birds that went home before Christmas with the flu are back again, none the worse for it. I guess the flu they had just before the holidays was flu-the-coop (joke). Some guys really have it, I guess, but Johnny Bull is checking up on everybody so close that I'm afraid there's not much chance of them shutting down college. With mid-year's coming on it wouldn't be so good anyway. I've got to do four months' work in the next two weeks. You remember the fellows I told you about up in the dorms who were running around outdoors in their pajamas just before Christmas trying to develop some flu symptoms so they'd get sent home early? Well, one of them has the mumps! And nobody got flu. Can you beat it?

You know I wasn't going out for wrestling till after mid-year's. Well, I changed my mind. Met Billy Sheridan in the gym the first day I was back and he just said—Did ye hav a nice time home at Chrussmus, kid? and never a word about why I wasn't out so I kind of felt like maybe I'd sort of hurt his feelings by quitting, so I didn't say anything about it but I decided I'd better go out again. If he'd bawled me out I wouldn't have. We all felt darn sorry for Bill anyway because his mother died up in Canada. Gee, he's a regular guy, Dad. Did I tell you about Tubby Miller? He'd be intercollegiate heavy-weight sure if he'd go out but he's captain of football for next year and he wants to be sure of staying in college so he hasn't been out yet. Maybe he won't wrestle at all this year because he's had two years already and if he wrestled this year he'd be ineligible next.

By the way, Dad, there's a big party down in N. Y. on the 18th. Some alumni is throwing it at the Astor. It's

very high hat I hear, but some of the musical club birds may go down to play and if they do Slim Schuster said he'd get me in if I'd take the big drum for him so I might go down as the fellows say they're going to show that moving picture they took up here this Fall and I'm in it.

Say, I was just reading a little book they've just got out called "How About Engineering?" One of the frosh brought it up from the Dean's office. I guess Mrs. Hickey thought he was a prospective student—she would. Anyway, this little book is a lot of questions and answers about what it takes to make an engineer and I read it and I'm kind of worried because according to this book you've got to be good in about everything and have character and personality besides to get by in this engineering business. Maybe I ought to switch to business because most of the things you're supposed to be best in I'm not so hot at.

Well, I've got to quit now. Mike and Humpy are going skating up somewhere on the back road to Allentown and I've got to see if I can swipe some skates from one of the brothers who hasn't got home from the movies yet. There's not much use boning up on this Strength anyway if I'm going to switch to business. Gee, I wish somebody had given me a pair of good skates for Christmas. I sure can't afford to buy any.

Love to all,
FRANK.

Dear Son:

I'm going to send this special delivery although I'll feel like a fool doing it because by this time you've probably forgotten that idea of "switching to business." Listen, kid, if there's any "switching" to be done in this family, I'll attend to it—for a few more years anyway.

Now get this straight—when you quit "taking" engineering (I couldn't say "studying") you can either bring home a diploma or a suit of overalls, because if you haven't got the first you'll sure need the second. I have all kinds of respect for the Business Administration College, and so have a lot of other people, I reckon, since

those Carnegie Tests showed Lehigh leading all the colleges in Pennsylvania. But you started in to get a B.S. in C.E. and if you haven't learned to finish what you start by this time then Lehigh can never teach you anything and you might as well come home.

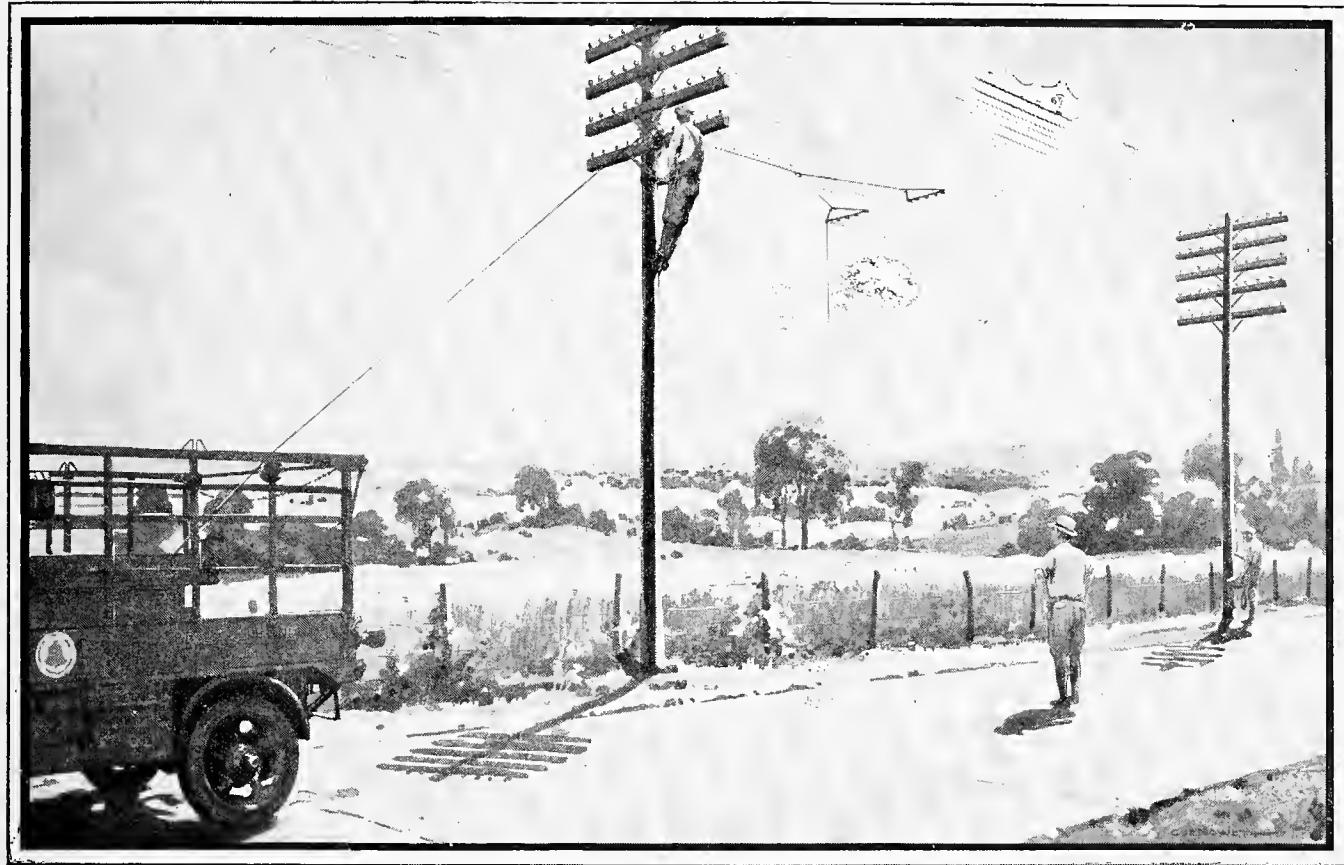
I received a copy of this "book" myself. If I recall correctly, there was a very similar little pamphlet issued by the University last year called "What About College?" "How About Engineering?" is evidently the second in a series directed primarily at prospective students. I consider it a mighty fine, conservative and inspiring outline of the obligations and opportunities of an engineer. Of course, you've got to have something to be a good engineer! Courage, honesty, accuracy, loyalty, imagination and some knowledge. The latter you can get anywhere but the others are why you're at Lehigh. Hell's bells, boy, you know all that as well as I do. You got me a bit excited I guess. Now don't go out on skates any more between now and mid-years' and get that "Strength" in your head unless you want to get it in your back—by exercise with a shovel.

I wish I knew half as much about undergraduate psychology as Billy Sheridan does. Wonder if I could persuade him to act as your guardian up there—I doubt it, Billy has too much sense and troubles of his own, too, I reckon. However, the next best thing is for you to stay out for wrestling. I suspect he will see that you don't go swimming in the canal in an effort to contract yellow fever.

In the same connection, please note that this "high-hat party" you refer to is for alumni, that I received an invitation and further that I will be there and further still that New York is no place for a junior civil to be watching movies two days before finals.

You'll be disappointed in this paragraph, but you'll probably find yourself broke every year after Christmas when you get out of college so you might as well be getting used to it. After mid-year's the finance committee will consider your report card and take appropriate action.

DAD.



The U. S. A. is only a few minutes wide

*An Advertisement of the
American Telephone and Telegraph Company*

IN THE gold rush year of '49 a stagecoach succeeded in crossing the continent in about three months. Two decades later, for the first time, an unbroken stretch of railroad lay from New York Harbor to San Francisco Bay, and America was seven days wide. Today, by telephone, that entire width is only a matter of minutes. And these few minutes represent a round trip, taken in the ease of office or home.

The Bell System is ever busy reducing the width of America and the distance between cities. For example, during 1929 it will add to its lines nearly 2,000,000 of the new permalloy loading coils for correcting and maintaining the speeding voice currents.

Seven thousand miles of new inter-city cable, \$40,000,000 worth, will be added to the System to protect against storms and other slowing up influences.



In the last five years 350 major improvements, as well as thousands of others whose aggregate importance mounts high, have been made in telephone central office equipment.

Improved operating practices have eliminated the necessity of your "hanging up" and being called back in 95 per cent of toll and long distance calls, adding new speed and ease to out of town calling. You hold the wire and the operator does the rest.

Since New Year's Day, 1927, the average time for completing all out of town calls has been cut 35 per cent and at the same time the per cent of error has been further materially reduced.

There is no standing still in the Bell System. Better and better telephone service at the lowest cost is the goal. Present improvements constantly going into effect are but the foundation for the future's greater service.

"THE TELEPHONE BOOKS ARE THE DIRECTORY OF THE NATION"



BIRTHS

Class of 1913

Born to Mr. and Mrs. L. E. Carpenter, a son, in New York City on November 18, 1928.

Class of 1914

Born to Lieutenant Commander and Mrs. Lewis Thornburgh, a daughter, Mary Hamilton, in San Diego, California, in August.

Born to Lieutenant and Mrs. E. C. Seibert, a son, Edward John, in Seattle, Washington.

Class of 1915

Born to Mr. and Mrs. Wilson Butler Neide, a daughter, on July 21.

Class of 1919

Born to Mr. and Mrs. Robert Rosenbaum, a son, Edward Whitehill, on June 4, in Philadelphia.

Class of 1920

Born to Mr. and Mrs. John H. Terry, Jr., a son, John Prescott Terry, on November 28, at Medford, Mass. According to Terry, his son has already signified his intention of entering Lehigh.

Class of 1925

Born to Mr. and Mrs. Spencer C. Kittinger, a daughter, Lois, in Buffalo.

Born to Mr. and Mrs. E. B. (Red) Ayres, a daughter, Patricia, on September 3, in Philadelphia.

Class of 1928

Born to Mr. and Mrs. Ward Wiegand, a daughter, Shirley Jean, on July 16, in Pittsburgh.

PERSONALS

Class of 1877

*H. S. Jacoby, Correspondent
109 First St., N. E., Washington, D. C.*

G. W. Wickersham has been retained by the Interborough Rapid Transit Co. to assist in the argument of the case of the seven-cent fare now pending before the U. S. Supreme Court.

Fred D. Owen was confined to a hospital in Washington, D. C., for several weeks, but recovered sufficiently to go by steamer from Baltimore, on Dec. 11, to Miami, where he hopes to improve further in the sunshine of Florida and by the end of the month to take a Mediterranean cruise.

Henry S. Jacoby and his wife left Bethlehem on Nov. 22 to spend the ensuing five months in Washington, D. C. This is their fifth winter season in the national capital. Mr. Jacoby is doing some work in the Library of Congress on the colonial history of Pennsylvania.

Class of 1885

G. H. Neilson is vice-president of the Water Treatment Co. of America, at 220 Stanwix St., Pittsburgh, Pa.

L. B. Stillwell, who is chairman of the Engineering Foundation, recently opened the drive of that organization for \$7,000,000. \$2,000,000 is wanted to advance scientific research under the auspices of the Foundation and the remainder is to be used to add to the Library of the Engineering Societies Building at 29 W. 39th St., New York.

Class of 1889

*C. W. Hudson, Correspondent
15 Park Row, New York City*

W. A. Cornelius, with three of his sons, attended the Lehigh-Lafayette football game at Easton.

C. H. Boynton's new residence address is 122 E. 76th St., New York City.

C. W. Moffett, vice-president and manager of the Duoflex Piston Ring Co., is now located in Philadelphia, at 611 N. 5th St.

L. F. Chapman is now a real estate broker in New York City.

Billy Butterworth is now in Washington, where he will remain until May 1 to perform his duties as president of the United States Chamber of Commerce.

Emil Diebitsch recently completed the \$1,000,000 Bronx Telephone Building for the New York Telephone Co.

Frank and Mrs. Carman toured rural England by automobile last summer.

Class of 1891

*Walton Forstall, Correspondent
Broad and Arch Sts., Philadelphia, Pa.*

Your correspondent has not as much news this time as last month. This may be due to the fact that he was obliged to leave his office early in December to take a member of his family to Rochester, Minnesota.

Morris tells me that since 1919 he has been metallurgical engineer of the Bethlehem Steel Company, involving operations at the nine steel plants of the company—Cambria Lower, Coatesville, Franklin, Lackawanna, Lebanon, Lehigh, Maryland, Saucon and Steelton. He also directs the 10 weeks probationary observation circuit through which each summer from 70 to 80 newly graduated college men enter the employ of the company. In September, by invitation of the committee, he gave a talk on silicon structural steel at one of the technical sessions of the Canadian National Exposition in Toronto.

Topping writes that he is doing very well following a plan he outlined at our 35th reunion. This summer he had a very good stroke of luck in selling his farm at a splendid figure (I suppose for town lots). He bought a small place in the heart of Bridgehampton. He says that two months later he could not have

sold for what he did and this seems to indicate that he did not sell for town lots. He also says that he hopes to be with us at our informal reunion next June.

Angur is with Holahird and Root at 335 N. Michigan Ave., Chicago, Ill. This is a change in business address and also the firm has changed partners.

Class of 1892

D. H. Whitmer has moved to 1021 Blythe Ave., Drexel Hill, Pa.

Class of 1894

*Aubrey Weymouth, Correspondent
101 Park Ave., New York City*

Godwin Ordway, one of Lehigh's most famous football and lacrosse warriors of the early nineties, who, as Colonel of the Seventh Coast Artillery, has been in command for nearly three years of the forts which guard New York, expects to retire from the Army next April, after thirty years' commissioned service. He says he recently met Emmett Bnel, '94; Artie Jones, '94; Billie Dickerman, '95; Dick Boynton, '89; Joe Welsh, '90; Sam Cushing, '92, and Bob Huse, '95. He tells us he recently "sat next to Franklin Baker, '95, at a hunt dinner at Rumson, N. J." Frank was "looking like a two year old, was wearing a pink coat and had a horse or horses entered in a cross country race the next day. He has retired from business and amuses himself hunting the fox or anise seed bag."

Class of 1895

*C. F. Townsend, Correspondent
405 Temple St., New Haven, Conn.*

In answer to my circular letter sent out to the Class, my first reply received was a most welcome one from "Okey".

He writes to reassure all Lehigh men that his main job is still "raising money for Lehigh" although he has enjoyed his side-line of organizing the Eastern Association for the Selection of Football Officials during the past year.

At this writing, Okey is down South, where he went to attend the National Collegiate Athletic Association convention in New Orleans and to spend a little time in Florida. He says:

"The most important thing that has happened to me during recent years was the birth of a granddaughter, who goes by the name of Peggy Ann Howard, and who is now almost 2½ years old."

You will take note from the above that Okey is now on the Grandpa Honor Roll of our Class. I forgot to mention this Honor Roll in my circular letter, so those who are eligible should broadcast the fact. I'll be your amplifier.

H. M. Cressman is a member all right. I heard from him after I had reported his recent marriage (second) and he wrote that he has two grandchildren by his daughter of his first wife. Henry



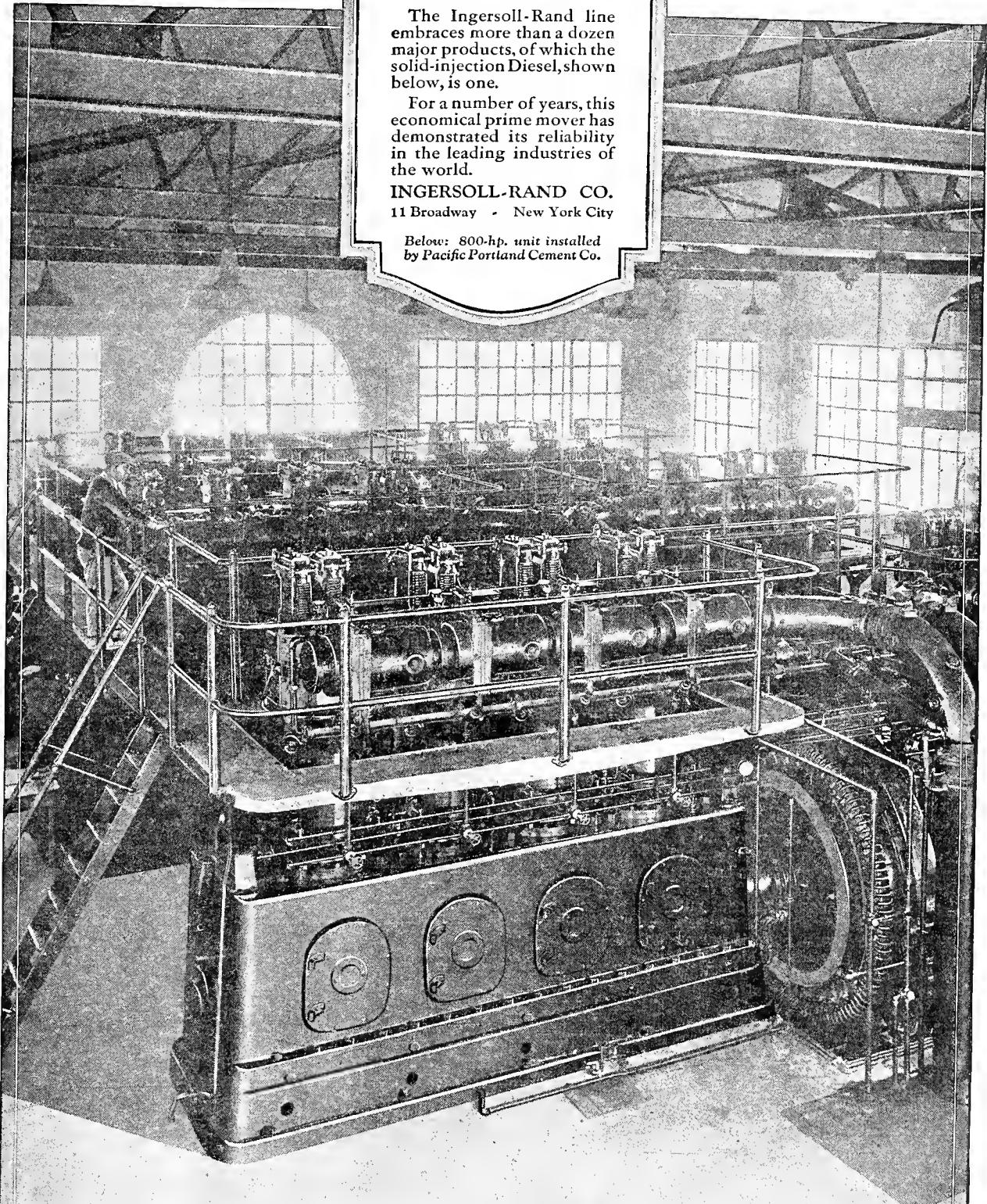
OIL ENGINES

The Ingersoll-Rand line embraces more than a dozen major products, of which the solid-injection Diesel, shown below, is one.

For a number of years, this economical prime mover has demonstrated its reliability in the leading industries of the world.

INGERSOLL-RAND CO.
11 Broadway • New York City

*Below: 800-hp. unit installed
by Pacific Portland Cement Co.*



Ingersoll-Rand

Thomas Cross, five years old, and Betty Ann Cross, three years old.

Cressman, besides being the Atlantic County superintendent of schools, is also president of the Egg Harbor (N. J.) Commercial Bank, and he tries to make me believe that this does not signify that he has any money.

My circular letter had a "kick" in it for a few (very few) of the fellows who did not take kindly to my reference to prohibition, and DeHuff (whose "kick" was only a mild one) writes that "it would be interesting to have the observations of the '95 men on the subject," so I propose that at our next reunion, those of us who can stand up on our hind legs, should stage a debate on "Prohibition—and how."

DeHuff also reminisces a bit anent our last reunion, when he writes: "I'll never forget that line-up in the swimming pool when half of '95 dived off like sea-lions with 'Slim' Murray just laying across the pool and naturally finishing first, and old Oberly losing his "white wings" and nearly going to Davy Jones' locker, but he showed the right '95 spirit."

While mentioning "Slim" Murray, perhaps you don't know that he has had a lake named after him—"Lake Murray"—this honor conferred by the Legislature of South Carolina by a unanimous vote of its House and Senate. "Slim" discovered the possibility of developing the Saluda River hydro-electric project which is now being constructed, a \$20,000,000 development. Murray and Flood are the Engineers for the construction of the largest dam in the world across the Saluda River, a dam over 8,000 feet long, 208 feet high, creating a lake 35 miles long and with a width at one place of 14 miles.

Class of 1896

*W. S. Ayars, Correspondent
410 Eng. Bldg., Broadway at 117th St.,
New York City*

It was a source of much pain and chagrin for me to look into the December BULLETIN and find not one single "Personal" for the Class of '96. At the same time, I could not blame it on myself, for I have only recently accepted the honor of acting as correspondent—no, I don't mean that—I mean correspondent. "A new broom," etc., so I got busy and sent out a regular SOS, and the replies have been well worthy of the bunch, even if not as numerous as might be desirable. The role of special correspondent is also new to me; maybe I can do better after I get my hand in.

'96 men don't swarm very much around the part of the country where I mostly hang out, on the campus of Columbia University, nor do I find any of them living in that garden spot of New Jersey known as Leonia, where I have been an inhabitant since June, 1922. Consequently, I have to depend on letters, and the very occasional meetings of the New York or the Philadelphia Lehigh Clubs for personal contacts. I see Pop Pennington once in awhile, and he's quite a good enough scout to have been a '96 man. I notice he has a lot to say in his column about the grandfather question, handing all the honors to J. Eddie Slade, whom he claims for '97. Well, Eddie started in '96, and it wasn't his fault he didn't end up there; and his wife is my sister, so some of that grandfather honor ought to come to '96.

John Simpson writes a real two-page letter in perfectly legible longhand, and uses up all of it in telling me about how he landed the grand-daddy of all fish late this last September. Said fish, according to John's measurements (not certified before a notary, however), are as follows: Length, 18 in.; depth, 5 in.; thickness, 3.5 in.; weight, 5 lb. 2 oz. He

ally a fine series of the different rails used on the canal, from 1828 down to the present. Mack also springs the startling news that his first assistant on the job is a C.E. graduate of Lafayette, and that he is most able and efficient. But when we stop to consider that the head of the C.E. department at Lafayette was our own Dufour, it is only logical to expect the C.E. graduates of Lafayette to be good men. As Mac puts it, "why shouldn't he be good?"—Duff started him and I gave him a P.G. course!"

Hookie Baldwin says he is existing in a state of suspended animation, adding that he has served time all the way from a Sunday School job to the manufacture of home brew. He is now awaiting the opportunity, so he says, of "making whoopee," whatever that may mean. He says if it turns out successfully, he will let us know. We hope to have his report in time for our next issue.

From Jack Petrikin, writing on the letterhead of the Board of Control of Athletics, we learn that he is "trying to meet trouble halfway; to maintain Lehigh's friendly relations with other colleges; to win over the ones not quite so friendly; to co-operate with the Faculty; to please as many undergraduates and alumni as possible; also, with no success, to grow a tougher hide."

Clem Rutter thinks I should "get a flock of replies to my letter, as there is no mention of money, unless there is a catch in it somewhere." Evidently it wouldn't have scared Clem a whole lot if there has been, for he thinks it would not be a bad idea to remind the brethren of '96 that "we are still in arrears with the BULLETIN." He says he has been employed for some time by the City of Brotherly Love as an engineer on the construction of the Broad Street Subway, but did something to injure a tendon in his heel and had to lay off a considerable spell, mostly spent on crutches at Atlantic City. He seems rather peeved at New York putting up a longer span bridge than Philadelphia managed to achieve, and tries to convince me that New York will ultimately have to bow to Philadelphia, even if she hasn't done it yet. Well, he ought to be proud of that Fort Lee Bridge—isn't it largely a Roehling and a McClintic-Marshall job, and aren't they all good Lehigh men?

Class of 1897

*J. H. Pennington, Correspondent
McFarland Foundry and Machine Co.,
Trenton, N. J.*

As your correspondent has had to work for a living during the greater part of the past month, and as this is the season when we always brush up on our Scrooge and Marley and other Yuletide stuff, for the following generation, we have had little time to prepare anything for filling in this column.

The fact is that it is not our business to work off any fiction on you fellows. We are simply a sort of chronicler, piecing together the things that may happen to be of interest to members of the class. If we don't receive accounts of those interesting happenings, we cannot publish them, so it's up to the '97 bunch to let us know of any and all doings with respect to themselves, which they are not ashamed to expose to the world.

The only thing at hand, this month, is the notice that W. A. Stubblebine can be



adds, with becoming modesty, "Proof Enclosed!" and I am passing the proof along, if the BULLETIN wants to reproduce it. John wears more belt and less hair than he did 32 years ago, but anyhow, he is not afraid to send along his portrait, and is the only man who dared so to do.

Curtis Flory also writes two good long-hand pages, not quite so legible as Simpson's, but still decipherable to an expert. He writes from a new address: 15 Park Row, New York, but is still with the Scranton Pump Co., and is now their resident manager in the metropolitan area. Any '96 man stranded in downtown New York is invited to drop in at any time, especially if he is in the market for a strictly up-to-date centrifugal pump. Flory didn't say that himself, but I have known many resident managers here in New York, and it never hurts their feelings to have casual visitors turn into actual purchasers of their various commodities.

One of the most interesting replies evoked by the above-mentioned SOS is that of McBride. First of all he flatters me by telling me that I "always did have the gift of making others come across." That is news! I have often wished for that very gift—especially in making salary arrangements with various employers. But if it works in extracting usable dope from my classmates, maybe I can do something else with it, after I get in good working order. Mac is now engaged in dismantling the old Morris Canal, and says that it has brought many very interesting things to light; amongst others, that the men who did the original work evidently knew a great deal more about engineering than some of the younger men give them credit for. He says, "the 'old boys' were there with both feet, especially when it came to wood sheeting and bank construction." He has found many interesting and valuable relics of early engineering practice, samples of which he has presented to the civil engineering departments of Lehigh and Lafayette, especi-

THE LEHIGH CLUB OF NEW YORK

invites all Lehigh Men and their families
to attend a

Reception and Dinner

in honor of President and Mrs. Charles Russ Richards
and the Presidents of the Universities and
Colleges of Greater New York



**Friday, January 18, at 6:30 P. M., at the Hotel Astor
Broadway at 44th Street**



This date was selected to make possible the attendance of Lehigh Men outside of New York who will be in the city for the annual meeting of the A.S.C.E. A splendid program has been arranged and a large and representative attendance is expected.

Tickets are \$6.00 per person and may be obtained by addressing Mr. C. H. Boynton, Lehigh Club of New York, 25 Broadway, New York City. Please give names of all your guests when writing for reservations.

reached at 34 Farringdon St., London E. C. 4, England. Any of you fellows who want to spend a pleasant week end will find a little trip over to Stubby a jolly fine jaunt.

In view of the letter from Sam Senior, Jr., published last month, it looks as though Eddie Slade and Sam Senior, Sr., are the only granddads in the class—all in the same family, too. We really think that it would interest the entire class to know just how many grandfathers we own. My gosh! '97 must be a modest bunch. They will not even boast of their own grandchildren.

If we cannot get any class news, we will be obliged to fall back on our office of Class Agent, just to fill in, and remind everybody who should be reminded, that in December, 1927, 50 per cent of the class had paid dues, etc., but in December, 1928, only 39 per cent had performed that same meritorious feat. We do not want to mar the happy beginning of a new year, however, so we shall wait until next month to make that dirty crack.

Class of 1899

*Arthur W. Klein, Correspondent
43 Wall St., Bethlehem, Pa.*

In the '99 personals appearing in the December BULLETIN, an error was made in connection with the item concerning Jim Middledith. It was stated that he and President Tremaine took the J. G. Wilson Corporation out of the hands of a receiver and set it on its feet. The writer learns that this concern was never in a receiver's hands and retracts the statement with apologies to Jim.

M. C. Benedict is now living in Lancaster, Pa., where he is a consulting mechanical engineer.

N. M. Emery, Jr., son of Lehigh's vice-president and comptroller, spent last year in the curriculum of Business Administration at Lehigh, having been previously graduated from Haverford College with the degree of B.S. He completed his course at Lehigh in June, taking the degree of B.S. in Business Administration. He is now studying law at the University of Pennsylvania.

News has just arrived of the appointment of G. A. Horne as a member of the Standing Committee on Power Test Codes of the A.S.M.E. by President Elmer A. Sperry, for a term of five years. This Committee is one of the two or three most important committees of the A.S.M.E. and includes the names of such distinguished engineers as L. S. Marks, G. A. Goodenough, E. N. Trump C. H. Berry, F. Hodgkinson, D. S. Jacobus, F. R. Low, L. P. Breckinridge, R. H. Fernald, G. A. Orrok, A. G. Christie and C. E. Lucke. The Class is proud indeed that this distinction has come to one of its members. George is to be congratulated on this honor, which is, after all, only a deserved recognition of unusual achievement.

A nephew of Pop Klein is enrolled as an engineering freshman at Lehigh this year. He is Frederick N. Cunningham, son of Noel G. Cunningham, E.M., '08. He entered Lehigh from York High School, having spent last year in the mines of the Weston Dodson Coal Co., and in the machine shop of the Bethlehem Foundry and Machine Co.

The writer was hoping to see several '99 men at the Lehigh-Lafayette game on November 24 and to acquire various

news items as a result. Apparently the only '99 men attending were Gene Grace and Bob Farnham—at least the writer saw no others. Those two never miss this game. Bill Gummere seldom misses. Perhaps most of the class are waiting until Lehigh has a better chance of winning than she has had recently. In that case you had all better come back next year at this time, for Lehigh will have the best opportunity she has had in the last ten years to "beat Lafayette".

Last month you all received Pop Klein's appeal for news of '99 members. That appeal resulted in exactly two responses—and you may be sure they were welcome. Since then another classmate has come across. May there be a more general response in the New Year along with those good resolutions!

Class of 1903

*S. P. Felix, Correspondent
Schaff Building, 15th and Race Sts.,
Philadelphia, Pa.*

Al Glancy advises that news is scarce and then excuses his late reply by saying he has just returned from England, riding a couple of hurricanes on the way over. Says there won't be any news from him until his head quits rollin' and he finds his stomach! Wonder what constitutes news, Al?

We received a picture postcard from Fortress Monroe and signed "L. G." It could have been immediately assumed that this was Lou Girdler but the writing was too good.

S. A. Becker promises something interesting for next month's news. Now that I have him in print, he can't fall down!

I thought this job was going to be a real task, but I have gotten a big kick out of the replies received to the monthly call. J. D. Rogers, of Big Stone Gap, Va., wants us to remember that Virginia went Republican for once. Says he would be pleased to see some Lehigh men when in his vicinity. I am sorry J. D.'s card did not arrive earlier, as I drove down that way last month.

Wit Tunstall is recuperating at Asheville, N. C., P. O. Box 1861. Wit gave me a chance to have him meet the family on his last visit to Philadelphia, in fact spent a day with us. We had such a bully time, I am hoping more of the fellows will make Philadelphia a stop-over point when they are in these parts. Wit writes as follows: "Congratulations on the return postal idea. Hope you get lots of answers. I would like to learn how many children my friend Saucedo, of Mexico, has and how he is and how goes it with the Conquistado Castellanos, of the same country. Force a line from them."

D. R. Smith, of Geneva, N. Y., writes he didn't see Dyer Smith in London last March although he looked for seven days. Who knows his address? Dave delivered 70 tons of cabbage to a Kraut factory last month and had "dear old Lehigh" in mind while doing it.

C. C. Lord, of Kansas City, is all "het" up 'bout election. He says those prophets that put Missouri in the doubtful column got a piece of news on November 6. They are all for Hoover out there!

Hop Walters says he has kept his ears and eyes open and used his mouth but they are such a modest set and

reached that settled state where they don't recognize news.

Peter Reese writes, "Haven't a damn thing to offer in the way of news. Still making steel at Lorain for the National Tube Co. and lots of it." Good news, Pete, let's hear again.

A. V. Spinoza, of Parkersburg, W. Va., says his life is like Gray's "short and simple annals of the Poor"—get up, go to work, eat three a day and go to bed.

John T. Fuller, of Paducah, Ky., reports the usual routine in and out of mines from New Mexico to Pennsylvania. He has had several inquiries as to the procedure involved in staging a "Truth Party," particularly from both Republican and Democratic headquarters.

Those of us who were present at the June reunion, and our dinner that night, I will guarantee will be again on hand at our next reunion if it is known that Jack will be present for another "Party." It was without doubt the best reunion we ever held and Jack's efforts put it over in a big way. Jack and Al suggested something for our next reunion that will be a knockout. Everybody will want to come—but more of this later!

John Hertzler is so appreciative of my job in gathering news and his lack of it, that he almost promised to become engaged, but if that came to pass—it would not be news. Nothing less than an explosion would describe it.

George Stull says he is very appreciative of my efforts, but he is not coming through with any news.

Class of 1904

25-YEAR REUNION, JUNE 8, 1929

*F. P. Sinn, Correspondent
160 Front St., New York City*

Andrew Mack writes in that he is far from being an old man and asks all to watch him in the parade next June for proof of this. If necessary, he promises to borrow the money regardless of the rate to return to Bethlehem for our 25th.

Harry McCormick has just signed another long term contract, to coach the Army Baseball Team. He promises to be back for our reunion, if his baseball schedule permits.

Bert Kent sends word from Cleveland, O., that he will be on hand for several days. He knows nothing of interest to say about himself. Another one of the modest boys of '04.

Charlie Leuders is practicing medicine on the outskirts of Philadelphia. He is now playing tennis and squash instead of lacrosse and has three sons getting ready to go to Lehigh in '31, '35 and '40. He says he is an old family "Doe" working toward diagnostic medicine and specializing in gastro-intestinal diseases. The motto over his clinic reads, "When Bigger and Better Bellies are Built, Dr. Leuders Will Build Them."

Ramsey Kavanaugh sends word from Highland Park, N. J., that he will be back for our 25th and hopes to find a big turnout.

Johnnie Miller has dropped out of sight for the moment. Mail sent to his former New York addresses, business and residence, has been returned. Any one knowing of his present address will do a service to '04 by sending it to the Alumni Office in Bethlehem or to the class agent.



G. W. RITCHHEY	'93
T. M. GIRDLER	'01
M. D. KIRK	'06
J. B. CARLOCK	'07
W. C. VAN BLARCOM	'10
J. GORE, JR.	'12
H. W. GRAHAM	'14
M. H. MERWIN	'14
G. M. YOCUM	'17
H. K. BRADY, JR.	'21
W. E. DOUGLASS	'26

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Jones & Laughlin Building . . . Pittsburgh, Pennsylvania

Frank McDevitt says that we may count on him for our reunion, if it is possible to get away. He is one of the few who admits growing old, white hair and everything that goes with it. Notwithstanding this, he boasts that his ideas and his stomach are still young, so perhaps he is not so badly off after all. He says he is blessed with health and happiness and manages to keep about two jumps ahead of the sheriff. What more can a man ask for? This will be Mac's first return to Bethlehem since 1907, so here's hoping that he makes it.

A. D. MacFarlane writes from Jedd, Pa., that he is an '03 man and attended his 25th reunion last June. Mac started with '03 all right, but in view of the fact that he has been on our class roll for some years now, we want him to know that he will be welcome at our reunion in June. '03 wasn't a bad class after all.

Warren MacFarlane sends word from Minneapolis that he will do everything possible to be on hand next June. Like the rest of us, he admits having to work for a living and hesitates to guarantee his presence too far in advance. Mac says he has no notes for the BULLETIN, as anything of interest would be of such nature that he would do everything possible to keep it out of print. That boy never will grow up.

Charlie Folsom writes in from Kansas City that he is busy working for Uncle Sam on the flood control work. He has three sons ready for college, but does not say where they will go. You had better decide, Charlie, to bring them back to the reunion with you and they will all want to go to Lehigh.

Charlie Carr is manufacturing and selling athletic supplies in Indianapolis, Ind. He expects to be on hand for the reunion and writes that in case he finds it to be impossible at the last moment, he will be the great loser and much disappointed.

O. L. Orth is now living at the President Apts., 4615 Lindell Blvd., St. Louis, Mo.

2324 Virginia Park,
Detroit, Mich.,
Nov. 20, 1928.

Dear Frank:

Here's the card I meant to mail you weeks ago, or rather, since the card is not big enough to hold what I suppose you wish in the way of personal notes, I am writing you this letter instead.

First let me say I'll be there next June if living and my car still runs. I can hardly realize that four years have gone since I met you and all the boys last. This next month marks the end of my fourth year in Detroit, and presumably the end of our 25 years since graduation will find me still here.

My record marks me as a horrible example of the rolling stone. Without attempting to mention the 99 mining camps I infested in my early career, the following are the reasonably well known towns I've contaminated in mature years: Denver, Colo.; Cincinnati, Ohio; New York City; Cleveland, Ohio; and Detroit, Mich. All of these have been good to me. That is, they kept me out of jail and reasonably contented. Each of them marks a milestone in something new attempted: Mining, dairy products manufacturing, editing and advertising, motion picture advertising, and finally real estate. By the latter I should explain my present activities as sales and

leasing, also promotion and construction of down town hotels, stores, office buildings and apartments. I fear my summary will be discouraging to others foolish enough to follow my example.

I've held more good jobs in more totally unrelated industries, studied more subjects intensively, traveled more miles and have hung on to less dough than the majority of the boys in 1904. But I still have my family, health, cast iron nerve and part of my hair. In looking back over my career I feel somewhat like the banquet speaker who was boasting of his native state—Arizona. "Arizona—the state where you dig for wood and climb for water—and where you can see further and see less than in any other damn state in the Union."

Good luck, Frank, and regards to all the boys. Till June—

Cordially yours,

RAY L. HERRICK.

Class of 1905

W. H. Lesser, Correspondent
Third and Frack Sts., Frackville, Pa.

All the Lehigh men in the anthracite coal region were pleased to know that H. G. Baldwin was promoted to the position of manager of the Wilkes-Barre office of the Westinghouse Electric and Manufacturing Co. Baldy has been in this territory for some time, and his promotion was a delightful surprise to the engineers who do business with him.

W. H. Shonk now lives at 529½ S. Catalina St., Los Angeles, Cal.

Received more literature concerning Russ Waite's activities as manager of the Port Utilities of the Port of Charleston, S. C. When it comes to unloading steamers, his organization takes the prize—3500 tons were discharged from four hatches during a period of 22 working hours. This record was published in the *South Atlantic Ports*, a journal of commerce. A newspaper carried an account of how his daughter won a very important school basketball game by shooting two baskets at a critical moment.

A note from Shine Kirk was full of Christmas greetings.

I saw many Lehigh men at a recent meeting of the Second Bituminous Coal Conference at Pittsburgh, and the Washington meeting of the American Mining Congress. A. B. Jessup, '96, read a very good paper at the latter meeting.

Class of 1907

J. B. Carlock, Correspondent
Jones and Laughlin Steel Corp.,
Pittsburgh, Pa.

R. L. Charles, who is professor of physics at Franklin and Marshall College, Lancaster, Pa., is also acting in a similar capacity at Albright College in Myerstown, Pa. Shorty lays claim to having the first '07 boy to graduate from college. His son, Donald, who was 19 in July, graduated in June from F. & M. College with a B.S. degree "cum laude" and is now taking post graduate work in the Zoology Dept. of the University of Pittsburgh. Shorty also has a daughter, Priscilla, who is attending Dickinson College and specializing in mathematics. There must be something to heredity.

Does anybody know where A. W. Lawson moved to? Mail sent to his last address, 309 Broadway, New York City, has been returned.

Harrison Tilghman is now a counselor at law and is associated with Hornblower, Miller & Garrison, at 15 Broad St., New York City. He specializes in the listing of securities on stock exchanges. Judge says one thing the election in Maryland taught him was to stop drinking licker and to join the Baptist Church.

We have another attorney-at-law in the person of W. S. Bayless, Russ Bldg., San Francisco, Cal. Bill says some of the people upon whom he practices seem to like it; others do not. Wonder what he means?

Philip O. MacQueen is living at 5904 Dalecarlia Place, N. W., Washington, D. C. He has been with the corps of engineers in Washington for about five years and is now associate engineer in the War Dept. and also superintendent, Dalecarlia Division, Washington Water Supply. The latter includes a large new water filtration plant for Washington, D. C., a pumping station, hydro-electric power plant and a good many miles of pipe lines, tunnels, etc., as well as various reservoirs. He was ten years in Panama on various reservoirs and filter plants and five years in Cleveland on similar work before going to Washington. Mac claims he can go into any city in the world, take one sip of the water and tell immediately the number of bacteria per c.c., as well as the sex and family traits of the various bugs. Page Ralph Gilmore!

Martin Schmid found on his return to Massillon, Ohio, from a vacation at Asheville, that the General Alloy Steel Corp. had taken advantage of his absence and promoted him to the position of sales manager, bar and billet division.

One of our lost has been found. Gordon Kent reports that on a recent trip to Washington he met F. E. Hayes. Jury is with the supervising architect on the Department of Commerce Building now in course of erection.

George M. Baker is president of the Mohawk Asphalt Heater Co., with general office and works at Schenectady, N. Y., which is where George resides when he is not roaming around in the Adirondacks in his new Packard.

Louis Antonsanti, engineer and contractor, has just moved into his own attractive office building, which he built in Ponce, Porto Rico, since the big storm. Louis maintains a branch office in Kingston, Jamaica.

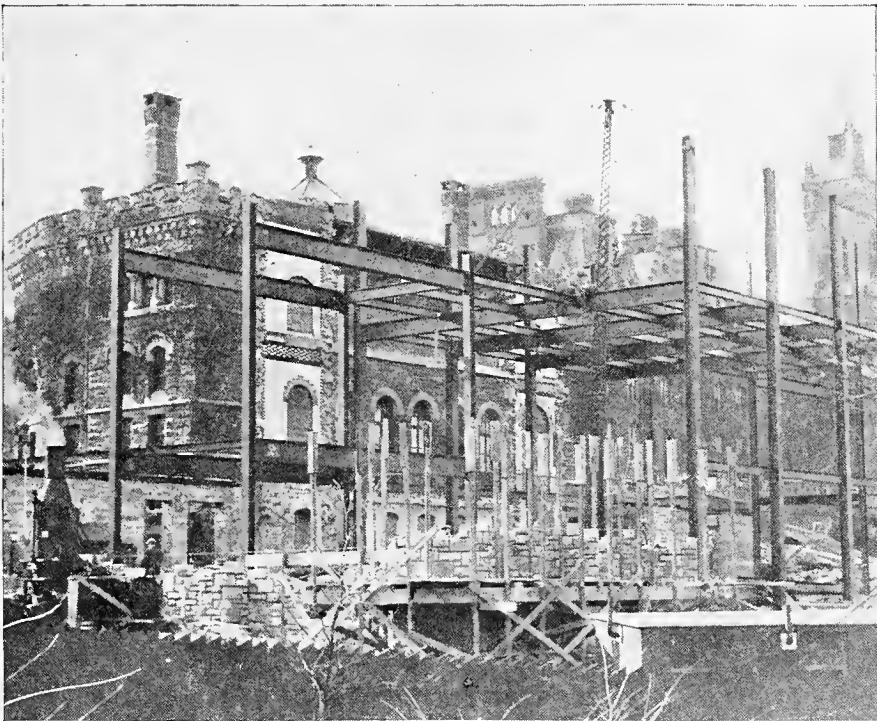
Miss Jane Adele Brodhead, daughter of John A. Brodhead, has entered the freshman class of Wheaton College, Massachusetts, and was elected secretary of her class.

The Q. & C. Co., Railroad Specialties, of 90 West St., New York City, have promoted Lewis Thomas to district sales manager, with headquarters in Chicago, Ill.

E. B. Walton, of E. B. Walton, Inc., West Palm Beach, Fla., writes that he is very busy on a number of contracts repairing storm damaged buildings in Palm Beach. He says the greatest loss, in his section, seems to have been to shrubbery and trees.

Bob MacMinn, who is in charge of the construction of the Detroit River

Lehigh's Best Advertisement is Her Alumni



The new Library or Arts and Science "Laboratory" under construction which will have five times the facilities of the present building when completed next fall.

LEHIGH'S COLLEGE OF ARTS AND SCIENCE

THE College of Arts and Science aims to give the student a broad grounding in literature, science, art, history, and philosophy; to stimulate his faculties and enrich his life by friendly intercourse with professors and fellow students; to make him tolerant of the opinions of others; to help him to be master of himself and to become the maker and distributor of ideas and ideals. This college offers three curricula, all of which permit a choice of a wide range of subjects.

THE GENERAL CURRICULUM

The General Curriculum at Lehigh, partly required and partly elective, prepares for no specific calling. It represents, however, the usual approach to law, to theology, and to the graduate schools. A liberal distribution of courses is provided by the required work. The major work of the junior and senior years provides for concentration.

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The limitation of enrollment in the medical schools has caused the keenest competition for places in their first-year classes. Preparation must, therefore, be thorough and complete. The Pre-Medical Curriculum at Lehigh is a liberal arts course with heavy specialization in chemistry, physics, and biology. Students who complete the curriculum with credit are admitted to any medical school in this country.

Special three-year or two-year courses may be arranged for students who find it necessary to complete their preparation for the medical school in less than four years.

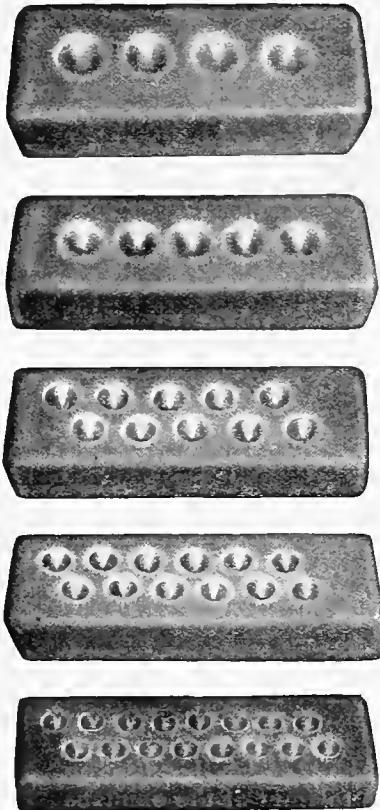
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J. H. PENNINGTON, '97, Gen. Mgr.

Bridge, which McClintic-Marshall are building, writes that they are in the throes of designing the terminal buildings which are to house the custom and immigration services of the United States and Canada. As their ideas are radically different, this means two separate designs. They hope to open the bridge early next summer.

Class of 1908

*W. D. Sanderson, Correspondent
706 Liberty Bank Bldg., Buffalo, N. Y.*

Carl A. Baer has resigned his position as assistant general sales manager for Keasbey & Mattison Co. at Ambler, Pa., and is now connected with Stroud & Co., bankers, of Philadelphia, as vice-president of the Carthage Pulp and Board Company, Inc., which is controlled by Stroud & Co. Carl reports that in this God forsaken part of the world his only pleasure outside of the job comes from visiting Montreal or his classmates. He isn't just sure which provides the most kick, but I for one will lay a bet with anybody.

E. P. Eyrick now lives at 1121 Linden St., Allentown, Pa.

P. A. Fusselman has his offices in the Edison Bldg., 9th and Sansom Sts., Philadelphia, Pa.

T. H. Sheridan is a member of the firm of Williams, Bradbury, McCaleh and Hinkle, patent attorneys, with offices at 1315 Monadnock Block, Chicago, Ill. He lives in Highland Park, at 820 S. Linden Ave..

C. C. Thomas is living at 106 W. 11th St., Covington, Ky.

I know everyone will be interested in this letter from Lewis Heck, president, proprietor, owner, general manager, etc., of Lewis Heck & Co., Chevrolet representatives in Constantinople, Turkey, that I taking the liberty of quoting it verbatim.

"Constantinople, Nov. 8, 1928.

"Dear Sanderson:

"Your circular letter brought back to me many old experiences and recollections of days that are farther away than I like to think, and has stirred me up to give you a few news items. Along the line of semi-literary effort I am still carrying on to some extent, being president of the American Chamber of Commerce for the Levant, with headquarters here, the main duty of this office being to see that our monthly publication, the *Levant Trade Review*, is got out as regularly as possible.

"As to strictly personal news, I have two children, Douglas, aged ten, and Dorothy, Jr., who is a little over five. On the side of golf my record is none too good—although we have quite a good course here—and if I break a 100 I feel happy about it. In many respects the life here is agreeable, and I suppose it is the pioneer spirit that makes most of us find our work here interesting. Certainly there is no country in the world which is undergoing so many fundamental changes of all sorts as Turkey is at present, the latest change to Latin characters for the national alphabet being almost unique in history for the completeness and celerity with which it is being established. This step is but one of many which will ultimately have a wide and helpful effect on the country's national life.

"On the side of business, I have been

working on my own account for a year past, during which we sold 369 Chevrolet cars and trucks in 52 weeks. If I add that to sell this many new units we had to take in only two used machines in exchange, anyone who is in the motor car business at home will turn green with envy. However, we have to do all of our own retail sales financing, with our own funds, which is much harder than at home, so that we do not have everything in our favor. In the main, it is a very interesting business in an undeveloped country. Our sales are nearly two-thirds trucks at present, bodies being built here, and is thus strictly "transportation at low cost."

"We got the election results yesterday, but details and final figures have only come in this afternoon. I for one am very pleased with the result. Wish I could say the same for football scores we get about a week after the event from the *Paris Herald*. Wylie, '13, who is with the Standard Oil Co. of New York here (assistant general manager), and I have to console each other from time to time.

"I was home for several months at the end of 1926, and do not know just when I shall again be able to make the trip. In a year or two our boy will have to go to Switzerland to school for a few years before going home for final preparation for college. Perhaps I shall see some of the class at the 25th reunion, if not before.

"With best regards to any old friends who may still remember me,

"Sincerely yours,
"LEWIS HECK."

Class of 1911

*A. P. Spooner, Correspondent
1811 Sycamore St., Bethlehem, Pa.*

H. Lou Miller is surely coming along nicely. He has acquired the titles of president of Utilities Engineering and Management Corporation, and vice-president of Middle States Power Company, with offices at 208 S. LaSalle St., Chicago. Lou gets around the country quite a bit and says if you fellows would give the dope about yourselves, he would have an opportunity to look you up. Lou's interests are scattered all over the country. Much power to you, Lou.

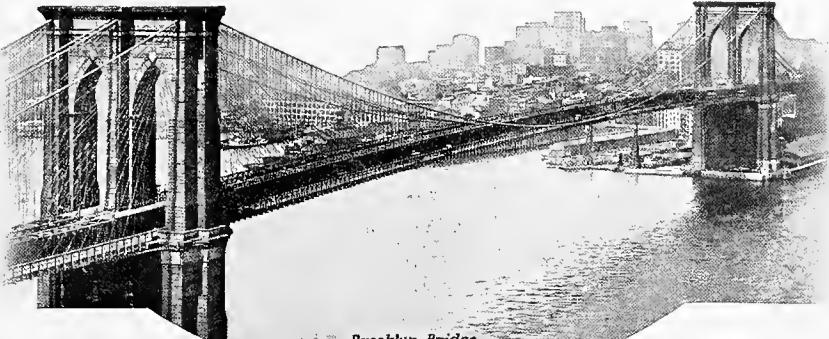
Saw Jim Poffenberger and Dode Wood between the halves at the Lafayette game. The rest of the '11 bunch had to stay with their wives in the stand. Jim said, "Damned if I know of the activities of any '11 men," but Dode was going to give me the low down on his brother Bob, and Jack Griffith. So far Dode hasn't come across, but maybe he will have something in next month's line up.

George A. Barker, after sojourning in Pittsburgh and Florida, has returned to the Sauer Kraut district. George is connected with E. H. Young's Drug Store, Bethlehem, and lives at 1918 Hamilton St., Allentown, Pa. While speaking of George, we can't help mentioning his silent partner, Ed Young, who is assistant superintendent of the Northampton plant of the Bethlehem Steel Co. Ed resides at 1317 Montrose Ave., Bethlehem.

G. F. Hartman is field representative for Follansbee Bros. Co., located at 3rd and Liberty Aves., Pittsburgh, Pa. George lives on E. Weldon St., Latrobe, Pa.

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BRIQUET
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Class of 1912

Morton Sultz, Correspondent
195 Broadway, New York City

R. J. Hauk is in the technical sales department of Rohm & Haas, Philadelphia.

W. F. Hadsall is now an actor—that is, he took part in the 1928 Cedar Crest Alumni play. The *Allentown Chronicle and News* says he had a "powerful part." What other kind of part could Hadsall have?

C. R. White, a Benedict of last July, is now engineer of bridges for the District of Columbia.

Henry Otto has been promoted to mining engineer for the Hudson Coal Company at Scranton.

Having read our news account of several months ago that Andy Schultz was receiver for the Helena Gas and Electric Company, the directors decided he needed more honors, and he is now general manager of that concern.

N. S. Schmidt is superintendent of the Sandusky Cement Company, at Dixon, Illinois.

Class of 1913

R. T. Dynan, Correspondent
540 Eighth Ave., Bethlehem, Pa.

A. T. Ward, '13, who operates in the Hudson Terminal as the Coal Specialties Co., has added a new device to his line of specialties for coal consumers. The device is known as the "coal storage protectometer system" and consists of warning sentinels which are to be inserted in coal piles to give the alarm when the temperature rises to a dangerous point.

Class of 1914

J. O. Liebig, Correspondent
Room 313, Bethlehem Trust Bldg., Bethlehem, Pa.

We have been advised that M. W. Sterns has moved to 89-30 146th St., Jamaica, N. Y.

Have you all heard about J. H. Diefenderfer? You know he is now assistant district attorney of Lehigh County.

Walter Schremel is president of Bethlehem Rotary Club. Hail, Walter!

Your correspondent is at present president of the Four Square Club of Allentown, Pa.

Several of our number were seen at the Lehigh-Lafayette game, among those being Neff and Danner.

As you note, there is not much news this month. Where are those we have not heard from? Have they parted from our ranks? Recall the request of a couple of months ago, and shoot us some news about yourself. JOHN.

Class of 1915

C. E. Siebecker, Correspondent
Bethlehem Trust Bldg., Bethlehem, Pa.

From replies, of which I have had twenty-five, there are about twenty-four who want to know what in hell's the matter with Lehigh football. Well, the answer is about the same as the answer to, what in hell's the matter with 1915? To be perfectly frank, football at Lehigh is all right as far as it goes. The reason for the long succession of failures lies not in the coaches, not in the players, and not in the faculty. It lies right at

Pumping Machinery

Wilson-Snyder Manufacturing Co.

PITTSBURGH, PA.



H. D. WILSON, '01, President

the door of Mr. Alumnus and if you want to pick up little Orphan Annie, take her into your home and nurse her along to a big robust Katinka, here's your chance. Lehigh needs good material and lots of it. A ball team of eleven fairly good men and no reserves will never win games in the class in which we travel. You fellows certainly know of some high school or prep school boys that would make good material. We need them here now, and it's up to every alumnus to go out after that material. The victories will then take care of themselves.

As far as 1915 goes, she suffers badly, but the doctor says there is hope. We're down pretty far on the ladder, but we'll come up somehow. If you have anything of interest to impart, don't wait for the trolley-car, send me a post card. (French preferred.)

Among the missing are G. R. Elder and Harry Wolfe. Does anyone know where they are located?

W. H. Wills is still at Dunkirk, N. Y., with the Atlas Steel Co. Haven't heard from the other metallurgist, Schuyler, but I hope he reads this and comes into the picture.

Sky-pilot Ware is at Warren, Pa., and thanks for your card of encouragement to Austy, I'm sending it to him.

Jay Miller was here for the 17th successive Lehigh-Lafayette Game. Your agent was out on a party with said Jay that night, and while it was a mild party, we both enjoyed it very much. Jay is production engineer for the Bethlehem Steel Co. at Lebanon.

Another sky-pilot, Ralph Weatherly, suggests many things and I hope he follows my advice noted above and pilots a few quadruple threats down this way.

G. C. Chewning is in the electrical contracting business at Bon Air, Va., and says he will be at our 1930 reunion. Good work! And if I'm here and on the job, I'll guarantee you won't be sorry you came.

Class of 1916

*E. J. Clement, Correspondent
335 Lowell Ave., Floral Park, N. Y.*

Doc Keiser has returned to New York from Salt Lake City, where he was upholding the *Engineering and Mining Journal* among the Mormons. Having completely converted them, he has returned. You should hear him tell of his 3662 miles auto jaunt from there to here with only two punctures to mar the performance. He averaged 350 miles a day except for seven days in Arizona, when he made zero miles a day, which he has satisfactorily explained. He now hangs out between New York and East Orange.

While on the subject of the *Engineering and Mining Journal*, one of the November issues had an article on the "Discovery-Depletion Clause of 1928 Revenue Act Needs Revision," by one Granville S. Borden, mining engineer, of San Francisco. It sounds mighty like one Rip Borden of our glorious 1916 fame.

Elmer Schmoll maintains his close connection and association with the Bethlehems and Saylorburg, living at 702 Fifth Ave., Bethlehem. He is aiding, as assistant structural engineer, the Pennsylvania Power and Light Company in extending its many power

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(Founded by Wm. H. Sayre, '86)

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[A patented combination of iron and abrasive grit]

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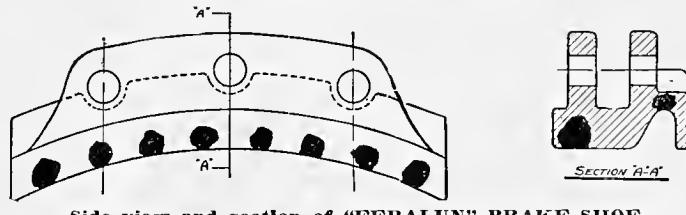
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GEORGE C. HUTCHINSON, '94

District Representative

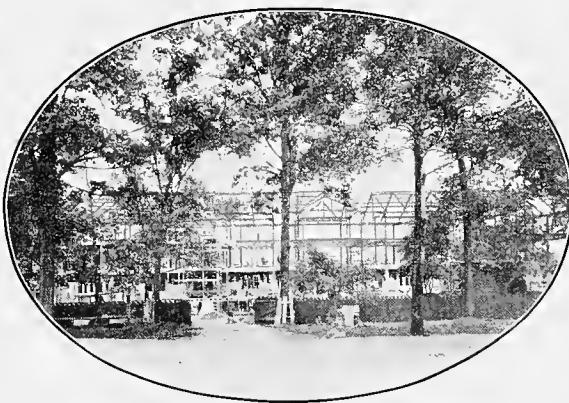
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BALTIMORE, MD.	DALLAS, TEXAS	NEW YORK, N. Y.	WASHINGTON, D. C.

R. P. Hutchinson, '04
J. H. Traeger, '03

G. M. Overfield, '14
S. B. Hutchinson, '25

plants and lines.

From Greensburg, Pa., comes the news that W. M. McCanley can be reached care of the Railway and Industrial Engineering Co. Mac formerly was located in Pittsburgh.

Here is a suggestion for a New Year's Resolution: Write some news for 1916's column.

Class of 1917

A. C. Hoover's new home address is 146 N. Parkside Ave., Chicago, Ill.

H. D. Lehr is still with the Fuller Lehigh Co., but his office is now 1101 Packard Bldg., Philadelphia, Pa. He is living at 407 Fairview Ave., Elkins Park, Pa.

Ham McDowell, who is electrical and mechanical engineer for the Texas Power and Light Company in Dallas, Texas, visited the campus on December 17 for the first time since graduation. Mack was East on a business trip and stopped over to check up on changes around Bethlehem. He admitted that most of the old landmarks down town seem to have disappeared but that the campus looked about the same. As an electrical engineer who is sticking to his profession and making good in it, Mac expressed keen interest in the possibility of securing an outstanding electrical engineer to succeed the late Professor William Esty.

J. H. Randolph is secretary-treasurer of the Building and Loan Association of Richmond, Va.

J. M. Snavely is doing hydrographic work in the Dept. of Forests and Waters of the Commonwealth of Pennsylvania. He has moved to 3514 Montour St., Paxtang, Harrisburg, Pa.

Class of 1918

A. E. Buchanan, Jr., Correspondent

I want to thank a flock of you fellows who sent Christmas cards. It's nice to be remembered once in a while. We went very light on our mailing list this year and diverted the difference to four stockings.

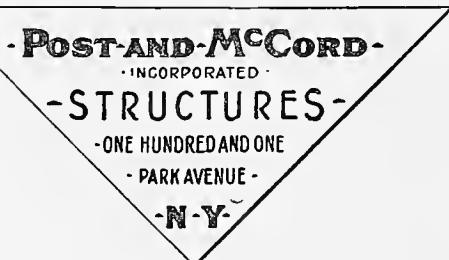
Sheldon Clarke sent a card postmarked Charlestown, W. Va., so I assume he's still engineering down there for the Carbon and Carbide Co., although I can't get a rise out of him.

Jim Dodson, Wes tells me, is in Bombay, India, representing the Consolidated Pneumatic Tool Co., Ltd. That explains why he wasn't at our tenth—"Once you've heard the East a-callin', you won't never 'eed naught else."

Jack Early, when last heard from, was looking for a new job. There's a high grade chemist and plant operating man who will be a find for somebody. Knows the tire business from A to Z too. If you know of any places good enough for John, tip him off, boys.

Eddie Ketcham writes me to say that he is now living at 232 W. Durand St., Philadelphia, and doing nicely, thank you, and when you need more insurance, etc., etc.

Met Oscar Lind at the Philadelphia Lehigh Club's Beat Lafayette brawl. Had a hard time keeping him sober but got in a nice sociable chat. Oscar just happened to be in Philly that day, peddling Mr. Dow's chemicals. A. K. Brown was also at the party, looking fine and reporting everything lovely.



SPECIALISTS

IN

Design and Construction

AUBREY WEYMOUTH, '94

Chief Engineer

Spider Mayers was at the Lafayette game but looked kinda lost without Speakerman. '18 was not very well represented—even Red Randall was missing—at least, didn't hear him.

Pete Grace, the big cotton textile man from the West, has shifted his allegiance and services to the M. C. Campbell Co., of 908 Syndicate Trust Bldg., St. Louis. Pete was formerly in Chicago.

Bill Tizard, the original Native Son of California, can't even send a Christmas card without propaganda. "Come on out," he says. "Whitey and Hoover and I have got things pretty well organized out here now."

Class of 1919

H. D. Ginder is in the margin department of Jenks, Gwynne Co., brokers, at 30 Broad St., New York City. He is living at 10 Amsterdam Ave., Passaic, N. J.

Class of 1920

Russell Bellman is now with the Haverty Furniture Co. at 22 Edgewood Ave., Atlanta, Ga.

R. O. Lewis is a patent examiner in the U. S. Patent Office. His new address is Apt. 411, Devonshire Courts, South, 4105 Wisconsin Ave., Washington, D. C.

We found A. J. Wick's card in our umbrella stand one morning. It looks as though he watched until we all got out before he called.

Class of 1922

C. C. Strauch, Correspondent
700 Miners Bank Bldg., Wilkes-Barre, Pa.

Looking below, we can't find much news, to write about for this month. We must assume that Christmas has been too much for the progress of 1922 in the industrial end of life and in what they are ready to admit in the social end, as well. It seems too bad that the best Buck could do for us was to force this writer's efforts on you fellows. To use Buck's expression as an explanation, he put it up to me this way, "Gee, Red, nobody else would take it."

Let's have some dope for next month so that the gang can have some real news "about what and who you are doing."

Art Herman tells us he is a metallurgist with the Colonial Steel Co. at Colona, Pa. He admits also that he lives at 369 East End Ave., Beaver, Pa., and evidently is confining his social efforts to locations where his business "isn't".

Fielder Israel is stepping right along as we find that he has been promoted to assistant superintendent of the Fostoria Works of the National Carbon Co. at Fostoria, Ohio.

Wallie Schier has changed his residence to 8315 116th St., Kew Gardens, N. Y. We saw Wallie at the Lafayette game but didn't have a chance to talk to him.

Clint Ide is still noticed in places around Wilkes-Barre and from all appearances, business does not take up all of his time. He is still connected with J. H. Weir & Co., Coal Exchange Bldg., Wilkes-Barre, Pa., and tells me he is handling electrical control apparatus and various types of power plant equipment.

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Class of 1923

A. C. Cusick, Correspondent
62 E. Market St., Bethlehem, Pa.

C. F. Bodey is doing illuminating engineering at 324 Walnut St., Reading, Pa.

C. T. Fielding is foreman of the shipping department of Lockwoven Hosiery Co., in St. Louis. He is living at 7615 Teasdale Ave., in that city.

R. Kutzleh is in the engineering department of Arbuckle Bros., at the foot of Jay St., Brooklyn, N. Y.

J. H. Opdycke is a salesman with the duPont Co., in Pittsburgh, Pa. He is living at 322 Roup Ave.

E. G. Schaefer is a special agent for the Equitable Life Assurance Society of the U. S., with offices in Room 646, 120 Broadway, New York City. He is living at 68 Park Ave., Bloomfield, N. J.

R. H. Tilghman is now at 191 Doremus Ave., Newark, N. J. This is a new business address, but he is still with the same company.

P. E. Wilkins is with the Penna. Dept. of Highways at Franklin, Pa. He lives at 501 Elk St., Franklin, Pa.

Doster Focht is now vice-president and general manager of the Amalgamated Slate Quarries Co., in Easton, Pa.

Robert Hacker is with the Kingston-Pocohontas Coal Co., in Hemphill, W. Va.

F. J. Lloyd is still with the Dravo Contracting Co., but he is now in Pittsburgh, at 302 Penn Ave.

D. K. Shen is doing research work at the University of Colorado.

J. S. Stanier is special mill representative for the Newton Steel Co., at Newton Falls, Ohio. He lives at 117 W. Philadelphia Ave., Youngstown, Ohio.

Class of 1924

Charles M. Alford, Correspondent
61 Glenwood Ave., East Orange, N. J.

For some reason which has not yet been satisfactorily explained, Buck has asked me to act as class correspondent, and in an unguarded moment of weakness I agreed. After reading the alumni notes carefully for the last few months, I can perceive that a class correspondent is a cross between a policeman and a cheerful improviser.

A column to be interesting must have news, and real news must arrive through someone's interest, it does not trickle in by itself. I hope all of you will use me as a clearing house for your activities, remembering that the class likes to read of your doings even if sometimes they are funny or just plain sad.

There is little for me to tell this month, probably all of us were preparing the Santa Claus suit for Christmas. George Jenkins is living many hundreds of miles above the Canadian border, trying to prove that there is gold in the ground in certain places. The weekly telephone calls he used to make to Brooklyn are not so frequent as they were before he was married, and his wife went north with him. John Swartley and Michael Tuggey are living together in New York, both employed by the Bell System, at 15 Dey Street, and both learning that it costs more to ride in taxicabs than in the subway. Even at that they sometimes ride in taxicabs. J. A. Patterson is doing experimental work for the duPont interests at Wilmington, Delaware, and is with Lazote, Inc.

To drag in a personal note, in case any of you did not read previous issues of the BULLETIN, I was married in October, and, like most other people, eventually returned from my wedding trip. I am living in "top flo' rear" of an apartment house at 61 Glenwood Ave., East Orange, New Jersey, where I should be delighted to hear from any of you at any time.

It is not too early to plan to be in Bethlehem next June for the reunion.

C. M. ALFORD.

Class of 1925

*A. L. Bayles, Correspondent
701 Independence Bldg.,
Charlotte, N. C.*

Dear Gang:

Well, another Lafayette game has come and gone and still the tide has not turned. I guess we will have to hit them on the next one. Here's hoping.

By the way, news is a little bit scarce, but we will do the best we can under the circumstances. Some of the fellows have not recovered from the Lafayette game yet and the others are doing their Christmas shopping.

A few weeks ago I was in Asheville and ran in to see Murry Metten, who is on the advertising staff of the *Asheville Citizen*. We staged an impromptu reunion on the spot and cussed and discussed Lehigh and old times. That was just before the bad news about the Lafayette game.

Got a letter from Larry Kingham the other day. Larry, you know, is engaged to Lucile Rice, of West Beslem—not "Souse"! From the best information at hand, this strikes us as the fourth member of Larry's delegation to fall for the charms of the Bethlehem damsels. Congratulations, Larry, that's sticking by the old Alma Mater! Larry's home address is 39 Stockton Place, East Orange, N. J.

Rumors have it that Dick Davis attended the Army-Notre Dame game in the company of a fair maiden and we wonder—well, we just wonder.

Dixie Walker wrote in to the Alumni Office that he was located at Crown Point, N. Y. Dixie is engineer in charge of construction of the Lake Champlain Bridge at Crown Point for the Merritt, Chapman & Scott Corp., of New York. Dixie's address is 227 Heulings Ave., Riverside, N. J.

Ken Wallace is in the employ of the Certain-teed Products Corp., as a chemical engineer, at 2nd St. and Erie Ave., Philadelphia. He lives at 2116 Venango St., in that city.

Fred Trumboe was ordained to the priesthood in the Pro-Cathedral of the Nativity, at Bethlehem, Pa., on Dec. 15.

Stoggie Stahl is living at 29 Prospect St., Trenton, N. J.

Ralph Lambert now is living at 116 Park Place, Kingston, Pa.

H. E. Green, Jr., lives at 129 Westland Ave., Rochester, N. Y.

Here's hoping that you all had a very merry Christmas and wishing that you will have a happy and prosperous New Year. For the love of Mike, keep my hair from turning gray by sending in a little news now and then. You will get a prompt answer.

Sincerely,
AL BAYLES.

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W. T. DOBSON, '10, Supt. of Const.

Class of 1926

A couple of fellows in the Class showed the true Christmas spirit and sent in newsy letters which have relieved your correspondent from racking his brains for much current gossip.

December 11, 1928.

Dear Gang:

Just returned from a very pleasant business trip to California and who should I have the pleasure of seeing, no one less than George Pease and his wife, who, we knew before she was married as Jeanette Eckfeldt. They certainly are a mighty happy couple. Have a nice home in Berkeley and believe me, when I say Jeanette certainly can put out a real meal.

On my trip to Los Angeles who should I see but "Al" Shonk, '27. He is out in the sunny climate studying

law at Southern California University and from all indications hoping to graduate inside of a couple more years.

There were a few more Lehigh men on the Pacific Coast but due to my short time, I did not get to see them.

On my return trip I passed within a few miles of Phoenix, Arizona, where Paul Anderson is, but did not have a chance to drop in and see him. However, I wish Paul a lot of good luck for that new airplane of his.

Certainly would like to have any of you drop in and see me when in Toledo. It is quite a fine town and I can guarantee that you won't find time heavy on your hands if you give me a ring. Cordially yours,

J. R. MORRIS. '26.

Then Hughie Robinson broke his long spell of silence with a card from San Francisco. Here is what he says:

"I have just gotten settled here and felt that you might be glad to know that 'one of the boys of '26' reached the coast."

"Have been transferred here by the White Co. and am Asst. to the Vice-President of the Pacific Coast.

"Weather fine—saw Stanford-U. of Calif. game, sat in Stanford's rooting section, great display. Sorry about Lehigh-Lafayette results. Would like a line from you."

Hughie's address is 437 Fortieth Avenue, San Francisco. The last line he wrote applies to the entire class and not just your correspondent.

Hank Hornbaker wrote in to tell us he is now in Philadelphia with the Charles Bond Company, in their gear department at 617 Arch Street. Hank spent the past two years with the Christiana Machine Company, which is an associate of the Bond Company. His place at Christiana was taken by Dick Stauffer, '28, last year's lacrosse captain. Louie Bond of our class is superintendent at the Christiana plant.

H. T. Carmichael, who is with the W. T. Grant Company, is now located at 455 Seventh Avenue, New York.

Paul Cressman is still teaching German but has earned some advancement. He is assistant professor of German and English at Mt. Union College, Alliance, Ohio. His address is 1835 Carr Place.

How is your radio working? Mac Gordon can perhaps suggest a remedy. He is an inspector of laboratories for the Kolster Radio Corporation of Newark, N. J.

Frank Schuhle and Vic Schwimmer are both back home again. Frank had been at the lamp works at Nela Park, Cleveland, but has been transferred to the Edison Lamp Works at Harrison, N. J., in the publicity department. He lives at 8502 Seventh Avenue, Brooklyn. Vic. is also at his home in Brooklyn, 54 Sunnyside Avenue.

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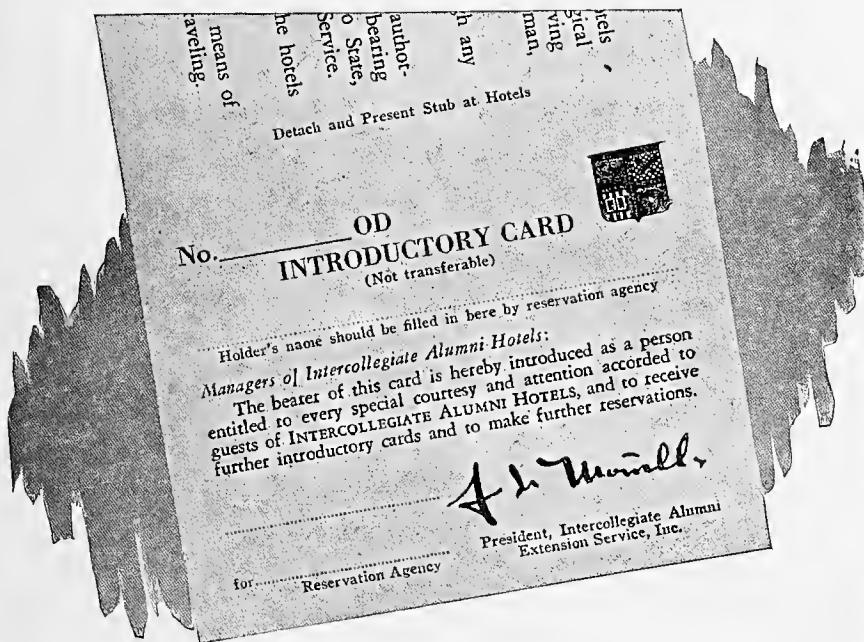
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radio business is Wilbur Watson. He is watch engineer for the Radio Corporation of America at Rocky Point, L. I.

Don Heath has finally torn himself away from Bethlehem and has gone up to Boston where he is in the sales office of the Bethlehem Steel Corporation.

Class of 1928

W. B. Billmeyer, Correspondent
89-25 Parsons Blvd., Jamaica, N. Y.

To the Class of 1928 goes the honor of having one of its members chosen as a Rhodes Scholar, the first in the history of Lehigh. Max Goepp is the man chosen. Congratulations, Max.

and best wishes from the entire class.

A letter just received from Frank Clayton tells us he is working in Wilkes-Barre with the Atlas Powder Co., another one of our members who has forsaken the "quiet life of Bethlehem" for coal regions.

Take heed, all ye insurance agents, and get your pointers from Sam Wolf. He has been appearing in the newspapers as a promising young salesman. Sam is also working in Wilkes-Barre.

Mart Brown, another Beta who is seeking his fortune in Wall Street, is working in the interest department of the National City Bank located at 55 Wall Street, New York City. He is living at 250-a Brooklyn Ave., Brooklyn, N. Y.

Ward Wiegand is now working in Pittsburgh with the Hoover Co. and is living in the Eldora Apts., Central Square, Mt. Lebanon, Pittsburgh, Pa.

Eddie McGovern is now working in the research department under Dr. Ewing. Eddie was in Europe the past summer and according to some of his closest friends he has been running around in circles ever since. (Bill does not tell us the company, so don't blame us!)

Maurice Gladstone has just written us telling us about his job with A. G. Borowsky (Lehigh, '04), consulting and efficiency engineer, 403 Morris Bldg., Philadelphia, will reach him.

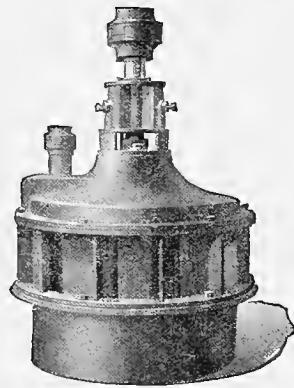
Ollie Gee, '28's famous female impersonator, is working in New York selling shellac. We knew Ollie would be handling something smooth after his college days were over.

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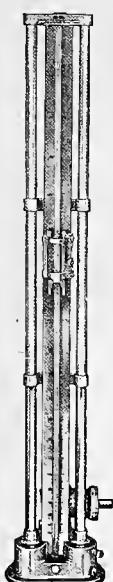
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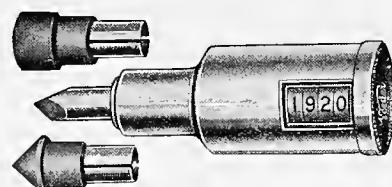
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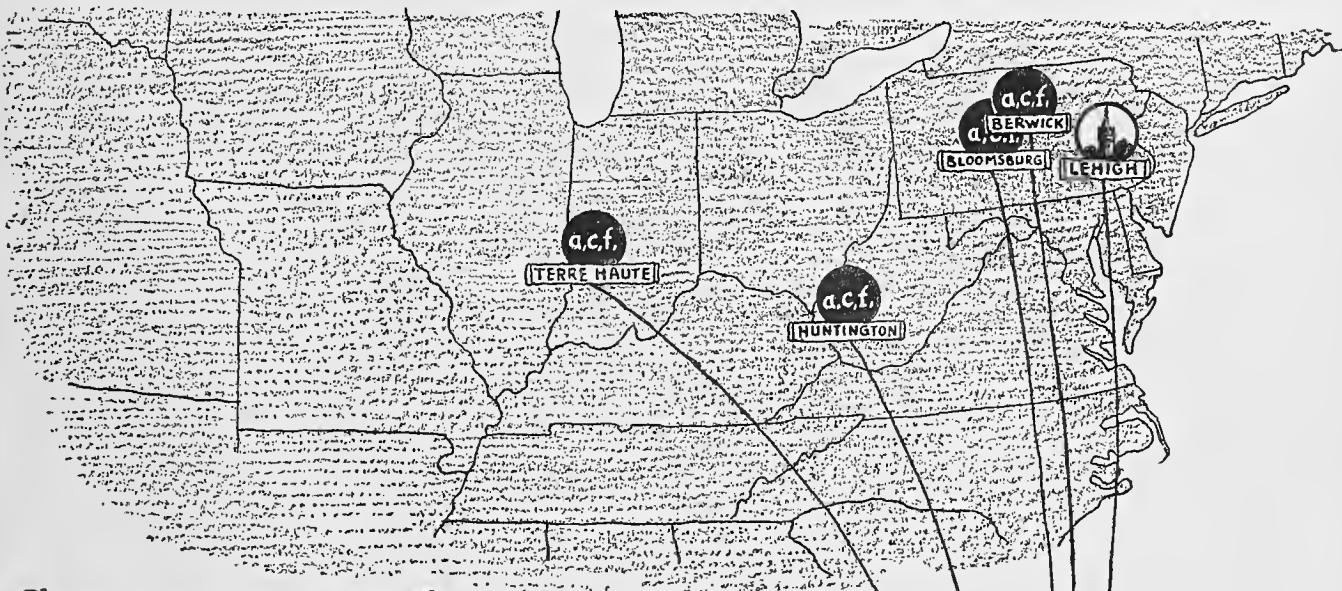
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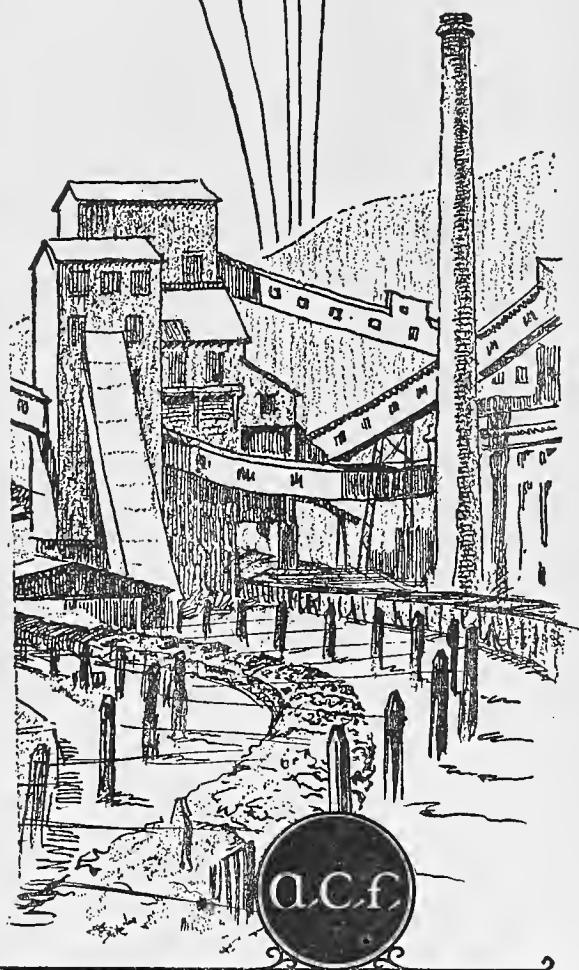
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